

# Fiscal Year 2005 - 2006

# Annual Report

for the



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### *Executive Summary*

Constellation Energy Projects and Services Group (CEPS), as the Operator of the Nashville District Energy System (DES), is pleased to present the third “*Annual Report*” to the Metropolitan Government of Nashville, Tennessee. This report summarizes monthly activities related to the performance and operation of plant, the Energy Distribution System (EDS), environmental, health and safety, marketing and sales, fuel procurement and finance over the past twelve months.

The fiscal year, July 1, 2005 through June 30, 2006, has been successful in many areas which include, but are not limited to, reliability, efficiency, safety and customer service. Metro and CEPS personnel have worked hard to develop a relationship where both parties communicate to improve the quality of service provided to all customers. This relationship extends past customer service. Metro and Constellation received the Public/Private Partnership award for the construction and operation of the EGF. In last years report, the statement was made... “efforts compiled by CEPS and Metro representatives will continue to elevate the Nashville DES above others in the industry.” This accomplishment was achieved as evidenced by Nashville DES receiving the prestigious System of the Year award from the International District Energy Association (IDEA). A number of other milestones were accomplished this year. The Amended and Restated Management Agreement (ARMA), the Amended and Restated Fuel Agreement (ARFA) and Change Order 6B to the Fixed Operating Cost (FOC) were all approved and executed. A revised billing system was also developed and implemented and a number of personnel changes, in the CEPS organization, took place.

Several improvements have been made to the Energy Generating Facility (EGF). As CEPS personnel continue to operate the plant we find new ways to complete tasks and improve the processes in place. The Energy Distribution System (EDS) has also seen a number of improvements over the past year as many projects were completed. To name a few, the Renaissance Hotel and Office Tower/Nashville Convention Center re-piping and the Tennessee Tower decoupling projects were completed. Service was initiated to the newly renovated Metro Courthouse, the new A. A. Birch Courthouse and the Viridian Tower. While we have had a very good year, we must continue to push forward to complete a number of very important outstanding projects in the new fiscal year.

This is an exciting time for the DES in Nashville. Congratulations to all on a successful FY 2005-2006. CEPS is looking forward to working with Metro on planning for the future, system expansion and growth through acquiring of new customers.

Sincerely,

James T. “Tim” Hestle  
General Manager

## ***Monthly Operations Report Summary***

Constellation Nashville District Energy, LLC (CNDE) submits a written operations report to the Metro Nashville District Energy System (DES) team on the 10<sup>th</sup> day of each month to convey the activities of the prior month. The first item included in each report is the executive summary. This section gives an overview of the entire report, addresses news, events, and other business activities. The next section is Operations, which includes plant reliability and efficiency data, environmental, health & safety, accidents, personnel, and employee training. The third section of the report lists and discusses all Maintenance activities in and around the Energy Generation Facility (EGF). Items covered in this section include the building and grounds, warranty issues, preventive and predictive maintenance and construction projects. The final section of these reports is about the Energy Distribution System (EDS). Items discussed in this section are customers, sales and marketing, system maintenance and repairs, and distribution system projects. A new section has been added to the end of the report to document discussion question answers, omissions and comments.

### **Executive Summary**

The EGF continued to furnish reliable steam and chilled water service to the customers over the past twelve months. With the exception of projects, generally related to new meter installations, service has been uninterrupted. Details of a crane accident which occurred at the EGF during the month of March are included in the EHS section of this report. Customer's issues have been dealt with courteously and expeditiously. All customers are reported to be satisfied with services they are being provided.

The plant continues to be staffed with an outstanding work force. There was only one accident which resulted in a minor injury during the past twelve months. It was not an OSHA reportable or lost time accident. Another exceptional accomplishment was the absence of environmental violations for the year.

Training classes were routinely conducted in conjunction with the monthly Safety Meetings. Employees have also received additional training related to plant systems and equipment.

Maintenance activities were performed as scheduled in the EGF and in the EDS. A great deal of planning and coordination go into the project work both in the plant and in the distribution system. Contractors continue to work to resolve punch list items on the DES projects.

### ***News***

- Two DES E-newsletters were published and distributed; one in the fall and another in the spring.

- The Metro DES Advisory Board met quarterly on the third Thursday of the applicable month in the EGF conference room.
- Constellation Energy Projects & Services Group and Metro won the top award from the National Council for Public-Private Partnerships. The award recognizes best practices and applications regarding Constellation's partnership with the city of Nashville to design, build and operate the district energy facility. As a result of this award, a previous engineering excellence award and the performance of the system, Metro Councilman J. B. Loring submitted a resolution to Council to recognize the District Energy System for these accomplishments.
- June 13, 2006 Nashville District Energy received the "System of the Year" award from the International District Energy Association at the Presidents Awards Banquet held at the Nashville Convention Center.



### ***Events***

- During July, CNDE hosted their Second Annual Golf Outing and luncheon. This event was a tremendous success. The event, attended by customers, employees, contractors, vendors and friends, boosted customer relations and employee moral.
- A CNDE employee holiday luncheon was held December 15, 2005.
- The EGF celebrated its second year of stellar operation December 16<sup>th</sup>. A reception was held December 22<sup>nd</sup> to celebrate the event. The event was attended by customers, vendors Metro and CNDE personnel.
- The annual Constellation Energy corporate meeting was attended by CNDE management personnel in Baltimore February 21 - 22, 2006.
- CNDE personnel attended the local ASHRE chapter annual meeting April 21, 2006.
- A Constellation Energy Cross - Sales Meeting was held in Nashville May 15-16, 2006.
- Nashville hosted the IDEA annual conference June 11- 14, 2006. A dinner reception was held at the Wildhorse Saloon the opening night.
- The CNDE General Manager, Metro DES Project Administrator and Metro DES Liaison attended the A. A. Birch Building dedication on June 21<sup>st</sup>.

### ***EGF Tours***

- March 17<sup>th</sup>, 48 members of the Blackford County, Purdue Agricultural Alumni, toured the EGF. The group included two Indiana County Commissioners and a County Councilman responsible for waste disposal and recycling.
- Approximately 80 people from the Constellation Energy-Cross Sales group toured the facility on the 16<sup>th</sup>. This was our largest tour group to date.
- IDEA Conference tours of EGF were held June 14, 2006. There were two separate groups of approximately 75 people each.

***Other Business***

- Monthly DES coordination conference calls, conducted the first Tuesday of each month, and monthly CNDE/DES operations meetings, held on the third Wednesday of each month, were participated in by CNDE managers and DES team members.
- June 1, 2006 CNDE personnel attended the annual ChemTreat Water Treatment Seminar.



## *Plant Performance*

### **Facility Operations**

#### *Plant Reliability*

The EGF continues to provide reliable service to the customers. The following items describe minor incidents, short in duration, when the EGF experienced an excursion outside parameters of the performance guarantees. With the exception of uncontrollable circumstances and/or two allowable twelve-hour outages per year, the guarantees are to maintain 150 psig of export steam pressure leaving the EGF and to deliver 43.3 degree chilled water to each customer.

Tennessee Towers chilled water pumps tripped off line several times during the months of July and August. When this occurred, it over pressurized our system causing our chilled water temperature to spike up. A meeting was held August 10, 2005 with building representatives to discuss our concerns with the effect their chilled water pump trips have on the EDS. We explained the potential increased risk for chilled water leaks in the system. They are aware of the problem, which they explained is caused by excessive temperatures in their motor control center. They have agreed to take action by investigating and implementing the installation of portable air conditioning units in this area and working to correct electrical problems inside the building until the Decoupling Project could be completed.

The EGF continued to provide reliable service to the customers during the months of July through October. There were no interruptions in service with the exception of the isolated incidents related to the DES Metering Project.

August 19, 2005, a chilled water make-up spike was due to draining and refilling the Symphony chilled water line required for a warrantee valve repair.

During the month of September, Nashville Gas and Atmos Energy contacted CEPS personnel in regard to a possible natural gas curtailment related to Hurricane Katrina which devastated the Gulf Coast. This curtailment was avoided when they were able to purchase gas from an alternate pipe line. We were contacted again when Hurricane Rita was expected to hit the Houston area with the same force Katrina hit New Orleans. We filled our propane tank in preparation for the anticipated natural gas interruption. Luckily, Rita was not as destructive as Katrina and service was not lost. As everyone knows, gas prices did increase dramatically as a result of these storms.

The system pressure had to be dropped temporarily to isolate the Symphony supply line for a warranty repair. Steam was blowing out of the casing in manhole "B" making it unsafe to access the steam isolation valve until the pressure was reduced.



There were no service interruptions during the month of November.

During the months of December and January, there were three chilled water service interruptions and one steam service interruption. On December 28, 2005, the chilled water pumps tripped off line which, in turn, caused the chillers trip on low flow. The chilled water system went above 43.3 degrees for approximately eighteen minutes, with a peak of 47.6 degrees. On December 30, 2005, the EGF experienced a chiller trip during an electrical storm. This excursion lasted approximately eleven minutes. On January 3, 2006, the plant experienced another chiller trip. The chillers tripped at 11:18 a.m. and were back to normal in twenty-eight minutes. The temperature went up to 48 degrees momentarily. The cause of the trips was discovered to be a back up power supply failure in the Modular Building Control (MBC) 6 control panel. The uninterruptible power supply (UPS) was replaced to correct this problem.

On December 31, 2005, the EGF experienced a series of boiler trips which caused the export steam pressure to drop below 150 psi for approximately eighty minutes. Each of the trips was related to controls problems which have been corrected. There have not been any problems since the system recovered. Due to the diligence of plant personnel during these upsets, the system recovered quickly and there were no customer calls.

On January 23, 2006 the plant experienced a chilled water pressure drop beginning at approximately 7:23 p.m. It was first believed to be a leak in the EDS. At 7:28 p.m. the system began to recover. By 7:51 p.m. the pressure was back to normal. An additional 8,600 gallons of make-up water, above the already high amount, was used to satisfy the chilled water system on this day. Our conclusion was a customer had to open a relatively large drain valve for us to experience an event like this. Thus far, we have not found the culprit. There were no customer calls during this incident.

*A twelve-hour chilled water outage* was scheduled and successfully completed February 19<sup>th</sup> – 20<sup>th</sup>. The following jobs were completed during the outage:

- Replacement of condenser water valves on #1 Chiller
- Chilled water isolation valves and new metering package was installed at the James K. Polk building
- Coordinated the cutting and capping of abandoned service lines to the Stahlman building. (Work done by others)

Early in the month of February, the plant experienced boiler swings. The pressure transmitter lines were blown down which corrected the problem. A new operating procedure was implemented to repeat this action periodically.

There was a *ten hour* steam service interruption on March 28, 2006 due to a crane accident at the EGF. (see Crane Accident Report - page 15).

On March 31, 2006 the chillers tripped off line during an electrical storm. The chillers were restarted immediately. This incident lasted approximately 16 minutes. April 7th the chillers tripped off line again during an electrical storm. The chillers were restarted immediately. This incident lasted approximately 10 minutes. The cause of these trips was discovered to be in MBC 1, 3 & 7 control panels. The UPS back up power supplies failed. These have been tied in to the main UPS system which has been relocated to the Motor Control Center.

April 12, 2006 the steam pressure dropped below 150 psi for eleven minutes. This occurred while changing the boilers from the UPS to direct power in anticipation of moving the UPS system from the control room to the motor control center.

April 14, 2006, the chillers, chilled water pumps, condenser water pumps and cooling towers all tripped off due to an Apogee Ethernet Micro-server (AEM) failure in MBC 3. This caused communications to be lost in the Siemens Insight control system. The operations staff manually restarted the equipment mentioned above; however, there was no feedback to the control room regarding temperature or chilled water flow. Operators monitored the temperature and differential pressures at the Sheraton Hotel and Hermitage Hotel to properly stabilize and run the system. A Siemens technician installed a new AEM which required the chillers to be shutdown, momentarily, and restarted. According to data from the Hermitage Hotel, the chilled water supply temperature exceeded 43 degrees for approximately one hour. A boiler trip occurred during the same time frame while switching control circuits to the new UPS from direct power. The duration of this steam pressure drop was approximately fifteen minutes.

On April 24, 2006, # 9 Chiller tripped on low oil differential pressure. The pressure regulator was adjusted and the chiller was immediately restarted. This trip did cause a temporary spike in the chilled water temperature for approximately fifteen minutes.

On May 27, 2006, # 1 Boiler tripped on low water level. The feed water regulating valve was adjusted into the proper range and operated normally. This problem caused steam pressure to drop for twenty-two minutes.

On June 2, 2006, #2 Boiler tripped off line. After several attempts to restart #2 Boiler failed, #4 Boiler was placed in service. CNDE personnel found a defective relay in the emergency stop circuit which caused the trip and prevented #2 Boiler from relighting. This relay was replaced. Steam pressure dropped below 150 psi for twenty-nine minutes.

On June 22, 2006 while placing # 5 Chiller online, all chillers tripped. This was caused by a failure in the control board on # 5 Chiller condenser water inlet valve. The control board and solenoid valve were replaced. It was discovered that all condenser water valves are wired on the same circuit. This will be corrected after the cooling season. The chilled water temperature was above 43 degrees for approximately 15 minutes.

On June 27, 2006 while charging the chilled water lines to the Viridian Towers, the chilled water pumps tripped due to low suction pressure. This caused the chillers to trip. The pumps and chillers were restarted and the temperature was back below 43 degrees within 25 minutes.

**Steam reliability was 99.86%** including the ten hours of down time related to the crane accident which caused a site evacuation. **Chilled water reliability was 99.82%** including the allowable twelve hour scheduled outage.

### ***Plant Efficiency***

After the annual boiler inspections were completed at the end of July, the decision was made to place two boilers in dry lay-up, one in wet stand-by, and to isolate one de-aerator tank due to the reduced steam demand during the summer months. One boiler and one de-aerator were left on line. This equipment is rotated monthly. This is done to increase steam efficiency during the cooling season. Stand-by boilers are taken out of dry lay-up and the second DA Tank was put back in service during the month of November in preparation for the heating season.

A condensate line leak between Manhole 18, in front of the Hard Rock Cafe, and Manhole L, at the flag poles in Riverfront Park, is seriously hindering us from receiving condensate from the EDS. This causes an increase in boiler make up water which in turn increases natural gas and electricity usage per pound of steam produced. A project to replace this line is scheduled for January 2007. Other condensate line replacement projects are scheduled to begin in September 2006.

The **chilled water make-up** has continued to increase over the past twelve months. CNDE personnel are actively seeking the cause. Dye has been inserted in to the chilled water system; however, no leaks have become apparent yet.

Constellation submitted the final Metro DES annual reconciliation for Fiscal Year 2006 on August 5, 2006. The annual reconciliation for this time period, consisted primarily of a true-up on Constellation's fuel efficiency adjustment (FEA) based on Constellation's efficiency guarantees as set forth in Section 13.01(d) of the ARMA between Metro and Constellation. For reference, the annual reconciliation is included in Appendix 4 of this report.

Constellation's efficiency guarantees consist of five key conversion rates:

1. Electric-to-Steam (kWh per klb-sold)
2. Fuel-to-Steam (Dekatherm per klb-send-out)
3. Water-to-Steam (gallons)
4. Electric-to-Chilled Water (kWh per ton-hr-sold)
5. Water-to-Chilled Water (gallon per ton-hr-sold)

The formulas for calculating the above conversion rates are as submitted by Constellation on August 4, 2004. (Exhibit 1 – attached)

Due to metering inaccuracies in the customer buildings, Constellation and Metro agreed to add a 25% "buffer" to the efficiency guarantees and FEA rates associated with 1, 4, and 5 above. This buffer will remain in effect until the customer metering project is completed and the new meters are certified and accepted as being correct.

The results of the key conversion rates are provided below:

	Units of Measure	Contractual Guarantee	Guaranteed Maximum Rate	FEA Rate	Actual Rate
1. Electricity-to-Steam	kWh per klb	6.000	7.500 *	4.500 *	3.007
2. Fuel-to-Steam	Dth per klb	1.815	1.747	1.677	1.485
3. Water-to-Steam	Gallons	49,847,028	49,847,028	49,847,028	46,355,564
4. Electric-to-Chilled Water	kWh per ton-hr	1.055	1.319 *	0.791 *	0.929
5. Water-to-Chilled Water	Gallons per ton-hr	5.250	6.563 *	3.938 *	1.965

- *Denotes value subject to 25% buffer resulting from metering inaccuracies at the customer locations*

## ***Environmental Health and Safety***

### ***Environmental Regulatory Compliance***

There have been no environmental violations since start up.

A storm water pollution prevention plan was developed and implemented to meet State permitting requirements. Samples are collected, inspections are conducted and a report is completed quarterly.

The semiannual monitoring report and Title V, annual emissions compliance certifications were completed and submitted, as required, January 27, 2006. The annual compliance certification consists of a detailed account of the compliance status for each permit condition.

The Tier II Emergency and Hazardous Chemical Inventory Forms were completed and submitted to the proper authorities February 13, 2006.

The annual Emissions Inventory Reports were also completed and submitted to the Metro Health Department as required March 15, 2006.

During the month of May, the CNDE General Manager and Plant Operations Manager visited the Metro Health Department, Pollution Control Division, to update plant operating permits to reflect recent personnel changes.

Annual State boiler inspections were scheduled to coincide with the cooling season. These inspections were performed by a subcontractor to our insurance provider. These activities were coordinated and witnessed by our Maintenance Supervisor, Operations Supervisor and Chemical Treatment representative. All boiler inspections were satisfactory with no action items required. Our permits have been renewed for another year.

### ***Health***

Plant personnel suffered one minor accident during the month of October 2005. This accident occurred when one of the mechanics hit himself between the lip and chin with a pry bar while attempting to open a manhole lid. He self-administered first aid to the two small cuts and returned to work. This was not an OSHA reportable accident.

### ***Safety***

Monthly safety meetings have been coordinated and scheduled by the CNDE Operations Manager/Safety Officer. Safety training classes are conducted in conjunction with each safety meeting. Safety reports are issued and posted each month.



# Accident Report

7/3/2006

## FY 2005

	Total Accidents	OSHA Reportable	Lost Time Accidents	Total Lost Days
January	0	0	0	0
February	0	0	0	0
March	0	0	0	0
April	1	0	0	0
May	0	0	0	0
June	1	0	0	0
July	0	0	0	0
August	0	0	0	0
September	0	0	0	0
October	1	0	0	0
November	0	0	0	0
December	0	0	0	0
<b>Total</b>	1	0	0	0

## FY 2006

[illegible]



### ***Crane Accident Report***

The morning of March 28, 2006, the Crane Works operator arrived at the Energy Generation Facility (EGF) with a 50 ton crane at approximately 8:10 a.m. He was followed by a flatbed truck and its driver at approximately 8:40 a.m. The crane was set up at the northernmost end of the parking lot with all outriggers and safety equipment in place. The crane operator, with the assistance of the truck driver, connected the lifting cables to the Connex storage container and proceeded to lift the box and securely set it on the flatbed part of the truck. The truck and flatbed trailer, with the Connex box on board, were then moved to the southern end of the parking lot near the propane system vaporizer.

The crane operator proceeded to move the crane to the southern end of the parking lot near the vaporizer. The crane was positioned as close as possible to the vaporizer to still allow the outriggers to be extended. The operator proceeded to boom the crane over the wall and into the expansion yard area. The truck driver along with a maintenance mechanic used four chokers to connect two air conditioning units, stored in the expansion area, to the crane. These units were lifted approximately 2'-0" off of the ground and moved nearer to the steps to clear the area for the Connex box to be set.

The next lift was for the removal of the old condenser water pump strainers. The crane operator removed five strainers and placed them on the pavement in front of the natural gas main.

The final lift was to move the Connex box to the expansion yard area. The truck driver made the connections to the Connex box using the wire ropes and slings provided by the crane operator. The operator raised the Connex box slightly off of the truck and tag lines were placed on both easterly sides of the box to allow for maneuvering. The box was then raised to a height to allow the box to clear the fencing. The Connex box was then positioned to clear the expansion yard stairs and lowered into the area. At this time the truck driver and a maintenance mechanic were in the expansion yard and the box was lowered further still. The mechanic and truck driver grabbed the tag lines and were attempting to orientate the box into position. The box was then lowered further (it was approximately 10-12 feet from the ground at this time) when the crane operator yelled for everyone to get out of the way. The CNDE Maintenance Supervisor, acting as signal person between the crane operator and ground personnel, looked back and saw the crane tipping over and ran to get out of the way. At about 10:45 a.m. the crane turned over and came to rest on its side with the boom resting partially on the Connex box and the expansion yard floor. The Maintenance Supervisor assessed the situation. He saw that the two men below were unharmed and then proceeded to assist the crane operator in getting out of the crane cab. No one was injured!

The Control Room Operator (SE-1) called the Metropolitan Nashville Fire Department (MFD) immediately. He then called Nashville Gas Company. The Maintenance Supervisor then notified the Constellation Nashville District Energy, LLC (CNDE) General Manager of the situation. As they went out to assess the damage, it was observed that the body of the crane and the crane cab were resting on the building's natural gas metering station. The majority of the weight was on the hydraulic cylinders for the out riggers, but the force of the crane tipping over caused hydraulic leaks. These leaks caused the hydraulic pressure to bleed from the cylinders which put more force on the natural gas piping. This resulted in a leak near the natural gas meter. The Nashville Gas metering station isolation valve was closed quickly due to safety concerns.

The Fire Department, Hazmat and Search and Rescue team arrived on site shortly thereafter (~11:20 a.m.) and instructed all employees to evacuate the premises and not to return until further advised. Evacuees were:

Employees

1. Angela West
2. William Tarver
3. Chuck Tucker
4. Ben Alig
5. Jim McMichael
6. Greg Clark
7. Aaron Russell – Maintenance Mechanic referred to above
8. Eddie Wisdom – Maintenance Supervisor
9. Ronnie Lowe – Stationary Engineer 1/Control Room Operator (SE-1)
10. Dave Namie – Stationary Engineer 2/Boiler Operator (SE-2)
11. Tim Hestle – General Manager

Visitors

1. Keith Thurner
2. Terry Underwood
3. Matt Nicholson
4. Bob Banyai
5. Ron Gillespi
6. Carrol Brown
7. Ronnie Gann
8. Ron Holdaway

The General Manager met with the Assistant Fire Chief, Police, and representatives from Nashville Gas Company and Crane Works in the MFD mobile command center to devise a plan on how to proceed.

Natural gas was isolated in Peabody Street at the end of the facility driveway at approximately 11:45 a.m. The crane company dispatched two large cranes to stand the fallen crane back up. They arrived on site at approximately 12:10 p.m. and were put into position.

Due to there proximity of the booms on these larger cranes to power lines, Nashville Electric Service (NES) was called to isolate power to the lines along the east wall of the parking lot as a precaution before work could begin on the fallen crane. During this time, MFD personnel, equipped with air monitors, escorted the General Manager, Control Room Operator (SE-1) and Boiler Operator (SE-2) into the building to check EGF equipment still in operation.

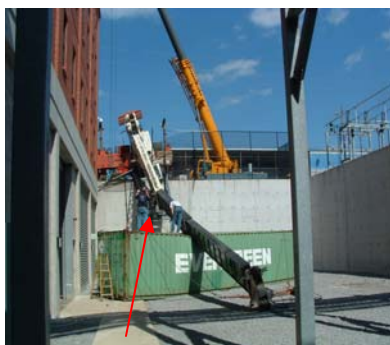
Work began to raise the fallen crane at approximately 2:00 p.m. The fallen crane was up-righted and removed from the gas line at approximately 5:00 p.m. MFD gave everyone permission to reenter the site and the building at that time. Nashville Gas inspected and tested the damaged gas line. At approximately 5:30 p.m., Nashville Gas restored service to the plant through the meter bypass line as a temporary measure to get our boilers back on line. The metering station will have to be fabricated and replaced. During the time the plant operates on the bypass, the natural gas bill will be estimated.

CNDE personnel began inspecting EGF equipment in preparation for lighting boilers to restore steam service. At 5:35 p.m., a natural gas leak was discovered on the 10" main isolation valve flange inside the boiler room caused by the damage to metering station. Nashville Gas isolated natural gas service to the plant and CNDE Operations and Maintenance personnel fabricated and installed a new flange gasket to repair the leak. Natural gas service was then restored and #2, #3 and #4 boilers were lit simultaneously at 7:00 p.m. Maintenance personnel were dispatched to Energy Distribution System (EDS) to drain water out of steam lines that had condensed since boilers were out of service. Steam service to the customers was back to normal at 8:45 p.m.

Throughout this incident, Constellation corporate, Metro and the Customers were kept informed byway of remote e-mails issued by the Metro District Energy System (DES) Contract Administrator, cell phone calls and customer visits.

### ***Crane Accident Follow Up***

The crane company has restored the facility and grounds to their former state (with the exception of resealing the parking lot) as evidenced in the photographs below.



Crane boom through fence on stairs & Connex box in Expansion Yard



New Connex Box



Expansion Yard fence & stairs repaired



Crane body supported by bollards



Bollards repaired & painted



Damaged natural gas main



Repaired gas main & new meter

The crane company must also reimburse CNDE and Metro all costs incurred related to the accident before this incident can be closed out.



## *System Assessment and Status*

### *Personnel*

The plant continues to be staffed with an outstanding work force.

Mike Maxwell, Corporate Instrumentation Technician, based out of Nashville, passed away August 26, 2005 from complications associated with a heart attack suffered earlier. He will be missed by all, especially those of us in the CEPS organization.

In September, CNDE added and filled a new Project Administrator position. This position was created to aid in the implementation of DES projects. This temporary position, included in Change Order 6A, expired July 1, 2006.

Jim McMichael, our lead instrument technician, was promoted December 7<sup>th</sup> to fill the position left vacant when Mike Maxwell passed away in July. His new corporate responsibilities will require him to begin traveling for training, as well as, duties related to other CEPS facilities. Jim will continue to work and be based in Nashville.

John Schaffer was promoted to Corporate Vice President of Operations for Constellation Energy Projects and Services Group. John's new responsibilities no longer allowed him to devote the time necessary to continue as General Manager for the Nashville District Energy System. He will continue to be involved with the Nashville facility in his new capacity, as the General Manager Position reports directly to him. John will also continue to work and be based in Nashville.

Constellation Energy presented Tim Hestle as the new General Manager candidate for the Nashville District Energy System. On December 22<sup>nd</sup>, Metro announced Mr. Hestle's nomination had been accepted. His promotion became effective January 1, 2006.

Eddie Wisdom was promoted to *Operations Manager* effective April 17, 2006. Prior to his promotion, Mr. Wisdom served as CNDE's Maintenance Supervisor. Mr. Wisdom was formerly employed by Nashville Thermal and has over twenty-five years experience with the Nashville District Energy System.

Two positions remain open at this time. Candidates for the *Instrument Technician* position and *Maintenance Supervisor* position are actively being sought. Interviews for qualified candidates are being scheduled.

### *Training*

In order to maintain and operate a state-of-the-art facility reliably and efficiently a significant amount of employee training is required. The following demonstrates some of the training that was conducted throughout the year:

- A boiler and cooling tower chemical treatment seminar was attended by plant personnel on August 11<sup>th</sup>. The seminar was conducted by, Chemtreat, Inc., our chemical vendor.
- The Instrumentation Manager attended Yokogawa meter training in Atlanta, GA July 18 and 21, 2005. He also attended Siemens training in Chicago, IL during the month of February 2006 and in Atlanta, GA during the month of March.
- Career Power training was held in the EGF conference room October 21, 2005. This class, provided by CEPS, was attended by all CNDE management personnel.
- All CNDE Managers completed Principals of Business Integrity training during the month of December and Solomon Software training in January.

Our training program is on-going year after year. Training classes are also conducted in conjunction with our monthly safety meetings. These included:

- Annual Fire Extinguisher Annual Training (conducted by the Metro Fire Department)
- Hazardous Communications & Bloodborne Pathogens
- Adult First aid and CPR Annual Certification (conducted by the American Red Cross)
- Confined Space Entry
- Storm Water Pollution Prevention Plan Annual Certification (conducted by the RMT Environmental Consultants)
- Slips, Trips, & Falls
- Lock Out/Tag Out
- Steam System Safety (conducted by the CNDE Safety Director)
- Heat Stress
- MSDS & Chemical Safety
- Personal Protective Equipment – Eye Safety, Hearing Protection, etc.

All classes, unless otherwise specified, were conducted by Hazmat Training, our safety consultant.

### *Customer Service*

Outstanding customer service and support to the existing DES customers is on-going. As part of our customer service program, CNDE routinely communicates with the customers each month through phone calls, e-mails or visits. When customers have heating or cooling issues inside their buildings, we assist them in trouble-shooting the problem. When a service interruption is required, whether it is project related or emergency, these activities are coordinated closely with the customers in an attempt to have the least impact possible.

Customers are also invited to semi-annual meetings, held at the Downtown Partnership conference room, to discuss the state of the EDS, up coming projects, fuel costs and any other issues they may have. Customers are also routinely invited to participate in the CNDE Annual Golf Tournament, attend Titans football games or meet for breakfast or lunch. These relationships further the positive reinforcement of the DES in the community and promote existing building owners to assist us in our sales efforts.



### **Facility and Equipment Maintenance**

The EGF has operated reliably and efficiently for the past year. During the course of normal operation, preventative, predictive and routine maintenance items must be scheduled and completed. From time to time emergency repairs and replacements must be done. The items in the following sections were accomplished to increase equipment life, reliability, efficiency and safety.

#### ***Preventive and Predictive Maintenance***

CNDE personnel perform daily equipment inspections, check bearing temperatures, oil levels, belt tensions, etc. In addition, preventative maintenance is performed on the following equipment monthly: HVAC units, cooling towers cell, condenser water pumps, chilled water pumps, boiler feed water pumps, condensate pumps, motors, instrument air compressors and driers. The roof surface is inspected and cleaned. The propane system is also test fired and leak checked monthly.

Annual pressure vessel inspections are scheduled to be completed during the cooling season. The inspections are conducted by Arise Incorporated. They are State Certified Boiler Inspectors, working as a subcontractor to our insurance carrier. These inspections are required in order to renew our operating permits. Boiler inspections consist of a visual examination of the mud drum, steam drum, economizer, tubes and fire box. #1 and #3 boilers and #1 and #2 de-aerator tanks were inspected in June. Three hair line cracks were identified in the refractory around the burner opening in the #3 boiler firebox. These cracks are considered normal; however, it was recommended the cracks be patched to prevent heat loss and the possibility of future degradation. These repairs were made as requested. #2 and #4 boilers are scheduled to be inspected in July. All units passed and permits were renewed. Inspections were witnessed by our chemical vendor's representative and plant personnel. When units are off line for inspection, preventative maintenance is performed on the forced draft fans low water cut out switch and other associated equipment.

Annual chiller inspections, although not required, are scheduled and executed during the heating season as a good maintenance practice. These inspections include opening the condensers and cleaning the tubes, performing vibration analysis and taking oil sample analysis on each chiller. Controls and purge units are also checked for proper operation.

As part of the Preventive and Predictive maintenance program CNDE had a contractor take alignment and vibration readings on all pumps, fans and motors. These readings are compared to the previous year's readings. All readings were all within the normal ranges. In addition to the vibration readings, the contractor also performed infrared testing on all the electrical switchgear.

### *Modifications and Improvements*

A twelve-hour chilled water outage was scheduled and conducted on December 19, 2005 to replace defective condenser water valves on #1 Chiller. This project was done to allow maintenance to be performed on this unit.

To enhance the appearance of the plant and to aid in house keeping, all pumps and pedestals were painted. The floors in the boiler room, chiller area and pump area were painted. The boiler fronts, natural gas lines and propane lines were painted. PVC jackets were installed over the insulation on the chilled water supply and return lines, as well as the boiler feed water pump suction and discharge lines.



Freshly painted Chilled Water make-up pumps and pedestal



Freshly painted boiler front



Chiller insulation jackets



Boiler Feed Water Pump insulation Jackets

In preparation for the IDEA conference and associated plant tours, the control room was remodeled. The walls were painted and a partition wall was added. A new floor and furniture were installed. The operating system and security monitors were reconfigured to make them more attractive and more user friendly.

### *Control Room*



Before



After

The *UPS cabinets* were relocated to the Motor Control Center.



Before



After



Customer building *photographs* were purchased, framed and hung in the EGF hallways.



Wiring modifications were made to:

1. Exterior lighting circuits
2. Electrical feeds to separate boilers and chillers
3. Separate Instrument air compressors control circuits

PVC Sulfite pump heads were replaced with stainless steel. A cross-connect was also added between sulfite pumps so either pump could be lined up to either DA tank.

## **Energy Distribution System**

### ***EDS Maintenance and Repairs***

The **Energy Distribution System** (EDS) continues to furnish reliable service considering the age of the piping. Except for the new piping from the EGF to manhole M where Thermal connected to the EDS, the new Symphony interconnection and the Viridian Tower interconnection on Church Street, the direct buried lines are approximately thirty years old. The tunnel system and its piping and supports are approximately twenty-one years old with the exception of the new tunnel from Third Avenue to the new A. A. Birch building.

### ***Preventive and Predictive Maintenance***

All the direct buried portions of the EDS are checked monthly by means of thermographic imaging. When a hot spot or cool spot is detected, it indicates a possible leak in our piping. Depending on the severity of the thermal temperature variance from the surrounding area, a determination is made whether to dig up the affected area.

CNDE maintenance personnel perform monthly inspections of EDS tunnels, as well as, the State steam tunnel and the A. A. Birch building tunnel. Monthly manhole inspections are also conducted. The condition of the structures, piping, supports, insulation, seals, lighting and ventilation is documented. Any deficiencies noted are prioritized and scheduled for repair accordingly.

When the customer meter readings are taken for the preceding month, the readings are reviewed. If they vary 30% high or low, from the three year average, Instrumentation personnel check the questionable metering devices for calibration as required in the customer buildings.

### ***Routine Maintenance and Emergency Repairs***

The main EDS tunnel sump pumps failed in July 2005. Water backed up in the tunnel system from First Ave. and Broadway to Forth Ave. and Broadway. CNDE and Metro Water Service personnel evacuated the water using two hydraulic pumps. The problem was determined to be a failed electrical contact and relay. Both were replaced and a new high water level alarm was installed. An emergency sump pump discharge was also installed.

The main condensate return line from the State steam tunnel ruptured underneath Charlotte Ave. This project, started last year, was completed July 22, 2005.

One of the Fourth Ave. tunnel ventilation fan motors had to be replaced in September 2005.

A steam leak was found in the new Symphony service line during the month October 2005. It was excavated and repaired by the installation contractor under warranty.

An emergency leak repair was made January 4, 2006 to the condensate return line at the intersection of Fifth Ave. and Deaderick Street by Colt Contracting, a division of Nashville Machine.

An emergency condensate return line leak repair was also made on the James K. Polk building service line February 7<sup>th</sup>. Soon after this repair was completed, another leak developed. Due to the condition of this piping, replacement of this line has been recommended. It is currently scheduled as a FY06 DES Project.

When steam leaks occur in the EDS, CNDE hires an on-line repair contractor to facilitate these repairs without interrupting service to the customers. Several expansion joints, valves and flanges were repaired throughout the system during the past year. Many of these jobs require off duty policemen to perform traffic control.

### ***DES Projects***

Constellation Energy Projects and Service Group (CEPS) began Project Administration to coordinate and monitor Metro DES Projects, per the provisions of Change Order 6A, on September 1, 2005. To date ten, non-emergency, projects have been overseen by CEPS personnel. Two of the ten projects remain “open” but are in the last stages of construction.

#### ***DES-017 Tennessee Tower Decoupling***

Metro issued the Notice-to-Proceed October 17, 2005. The estimated completion date was set for May 12, 2006. Service commencement for the project was May 20, 2006. The actual final completion date for this project is expected to be July 31, 2006. The photographs below show the project in its final stages just prior to project closeout. The project “came in” under budget but was 45 days behind schedule.



TN Tower Heat Exchangers



TN Tower DES Pumps

#### ***DES-018 Metro Public Library Connection***

The Metro Public Library service connections were completed in June 2005. The service commencement date for chilled water was June 30, 2005. Steam service began August 1, 2005. Final completion for this project was August 15, 2005.

#### ***DES- 019 Symphony Connection***

The Schermerhorn Symphony Hall is a new customer. Final completion for this project was scheduled for July 31, 2005. There is still an outstanding item related to valve and meter access. A Symphony contractor is scheduled to complete this work July 31, 2006.

#### ***DES-020 Renaissance Hotel, Office Complex and Nashville Convention Center Piping Modifications and Upgrades***

Metro issued the Notice-to-Proceed for this project December 1, 2005. The estimated completion date was set for May 1, 2006. The actual service commencement date for the project was April 15, 2006. The actual final completion date for this project is expected to be July 31, 2006. This project required two service interruptions to install all related equipment. The project was executed in this manner to accommodate the needs of the customers. The project “came in” under budget.



The photographs below show the project in the construction phase prior to project closeout.



New Lower Hotel pumps



Demolition of High Hotel "old pumps"

***DES-004, DES-021 and DES-022 State, Metro and Private Customer Metering***

The Notice-to-Proceed for this project was issued July 1, 2005. The estimated completion date was set for June 30, 2006. The actual service commencement date for the project was July 1, 2006. The actual final completion date for this project is expected to be July 31, 2006. This project was executed in several "phases" to accommodate the needs of the State as well as other DES customers. This project required numerous change orders to original contract. These change orders were related to changes in work scope and to conditions unknown at the onset of planning and bidding this project. The project "came in" under budget. The photographs below show the project in its final stages just prior to project closeout.



Typical Project Metering Panel



State Supreme Court ChW Meter

***DES-024 Steam and Condensate Line Replacement from Manhole 18 to L***  
Project Plans have been submitted to MADA & MPW have been approved. This project has been rescheduled by Metro to begin in FY07.

***DES-025      State Library & Archives Condensate Line Replacement Project***

This project was “combined” with DES-026 by Metro on the ITB. The Notice-to-Proceed was issued November 1, 2005. The substantial completion date was January 21, 2006. The actual final completion date for the project was March 14, 2006. The project “came in” under budget. The photographs below show the project in its final stages just prior to project closeout.



Library & Archives Parking Lot



Library & Archives lawn upon completion

***DES-026      Parkway Tower EDS Connection Replacement Project***

See Project DES-025 above. The dates are the same.



Parkway Tower Service Entrance



Paving Patch on 3<sup>rd</sup> Ave.

***DES-027 Viridian Tower Chilled Water Service Connection***

The Viridian Tower is a new residential/commercial complex. Service lines were run in conjunction with the Church Street project. Substantial completion for this project was achieved by July 14, 2005. The Viridian Tower chilled water service was left secured until requested. Service commencement for the Viridian Tower was June 28, 2006.



Viridian Chilled Water Piping installation on Church St.



M/H 16A Top Form for Viridian Tower

## *Outstanding Issues and Recommendations*

### **Outstanding Issues**

Metro assumed the bidding and purchasing role for all projects. To date this arrangement has worked, but has proven to be lengthy and somewhat cumbersome for both Metro and CEPS. Many of these projects are time sensitive and require rapid response to be able to take of advantage of the commodity “seasons” and the weather associated with the “climactic” seasons. Metro and CEPS should work together to find ways to streamline the process and ease each entities management of these projects.

The following are items not yet completed:

- Customer Metering Project
- Close out crane accident
- State Tunnel Communications System

### **Recommendations for FY 2007**

- Tennessee Tower Condensate Line Replacement
- Tunnel Lighting and Electrical Rehabilitation – Phase II
- 7<sup>th</sup> Avenue Tunnel Structural Repairs
- Ryman Auditorium Condensate Disposal
- Pipe insulation restoration in manholes
- Pipe insulation restoration in tunnels
- Chilled water quick-fill pump installation
- 4<sup>th</sup> avenue tunnel ventilation fan repair



## *Marketing and Sales Overview*

### **Sales and Marketing Review 2005 - 2006**

The Nashville District Energy System has continued developing successful sales and marketing initiatives that have promoted the system to world class recognition. The removal of the Thermal Plant has opened the South of Broadway (SoBro) area to major new development and growth potential for DES.

Nashville hosted the 2006 IDEA Annual Conference and received the System of the Year award. The DES is actively engaging new customers and starting to provide service to those new customers signed up to DES last year. This coming years sales & marketing efforts need to be coordinated with the technical team in order to insure both that both heating and cooling capacity are available for sales to new customers.

#### ***Sales***

The sales and marketing team has remained actively engaged with pursuing new customers and working with the existing customers. The new condominium building Viridian and the Metro Nashville Library received service in 2006. The new Nashville Symphony and the expanded A.A. Birch Building also received service in 2006.

The sales & marketing team started interacting with the development teams for several new projects to be located downtown. The new Sounds Ballpark and Mixed-Use development will be located on the old Thermal site. Although the Sounds Ballpark is required to take service from DES; the mixed-use component which requires the largest peak and use of heating and cooling services needs to be sold those services as other new customer.

The Encore a new condominium development has agreed to receive chilled water service in 2008. The sales and marketing team will have to finalize the business terms and execute the energy services agreement in early FY 2007.

The sales and marketing team has begun to revise the self-generation model to provide current market information and a new format to provide a better modeling tool. In addition the self-generation model is being developed into two formats; one to model central energy plants and the other to model package units as used in condominium projects.

### ***Marketing***

The E-newsletter has been a continued success and has been issued twice per year. The DES sales brochures and website has been updated to provide the current system status and new customers served by the system.

The 2006 Annual International District Energy Association held the annual conference in Nashville with vendors and systems represented from all over the world. The DES hosted several functions at the IDEA conference; with both Metro and CEPS participating in several workshops and forums about public / private partnerships.

The DES Annual Golf tournament was successful with over a 100 attendees including existing and new customers as well as strategic partners.

DES personnel are continuing to participate in Nashville Business groups and developers meetings held throughout the year.

### **Proposed 2006 - 2007 Sales and Marketing**

The target for the upcoming year is to take a more proactive sales and marketing position to promote DES in Nashville. CEPS is reviewing the option of having a sales individual located in Nashville to support the sales and marketing function of DES.

### ***Sales***

Several customers that were targeted this year are still viable candidates for DES. We are actively working with GSA on the new Federal Courthouse reviewing our proposal based on GSA guidelines. The courthouse is currently funded for design with construction funding still waiting congressional approval. The courthouse design phase is when the HVAC systems are finalized therefore the decision to use DES is made in this phase.

The Nashville Sounds have selected the old Thermal site for a new ballpark and mixed use development. The ballpark is required to use DES for heating and cooling purposes. We are starting to work with the development team on the ballpark mixed use development to provide a self-generation model for DES pricing.

We have targeted several other new potential developments including; the Peabody Hotel, Westin Hotel and the Signature Tower Building.

The Rolling Mill Hill area will be continually monitored to see if eventually there is a potential to interconnect a building.

The sales success of DES needs to be continued and promoted by the identification and qualification of potential new customers. The potential customers that have already identified will remain priority sales targets for DES.

The development community will be targeted for relationship building including attending meetings and social events that developers attend. We need to develop a coordinated approach with city development groups in promoting the DES.

### ***Marketing***

We will continue the on-going marketing initiatives such as the e-newsletter, sales and marketing brochures, and continued upgrade of the DES website.

The DES Annual Golf tournament, IDEA and Chamber of Commerce will be continued in the following year. The sales and management staff will continue to target local engineering and business groups to provide presentations and tours of the positive attributes of DES.

### **System Capacity and New Customers**

	Chilled Water (tons)	Steam (PPH)
<b>Maximum Load Allowable =</b>		
<b>Installed available capacity with one unit in reserve</b>	<b>20,800</b>	<b>175,500</b>
<b>Maximum Diversified Load/0.7 =</b>		
<b>Maximum Contract Capacities</b>	<b>29,714</b>	<b>250,714</b>
<b>Initial System Customers Contractual Capacities</b>	<b>22,179</b>	<b>223,225</b>
<b>Available Capacity Remaining for Sale</b>	<b>7,535</b>	<b>27,489</b>
<b>% of Maximum Contract Capacities Represented by the Initial System Customers</b>	<b>74.64%</b>	<b>89.04%</b>

### ***Capacity Committed to New Customers***

	Chilled Water (tons)	Steam (PPH)
<b>Net Available Capacity to Sell</b>	<b>7,535</b>	<b>27,489</b>
<b>Additional Customers:</b>		
<b>Hume-Fog School</b>	<b>300</b>	<b>3,000</b>
<b>Metro Public Library</b>	<b>700</b>	<b>8,374</b>
<b>SunTrust Bank</b>	<b>765</b>	<b>8,015</b>
<b>Schemerhorn Hall</b>	<b>500</b>	<b>4,200</b>
<b>Viridian</b>	<b>600</b>	<b>0</b>
<b>Net Capacity Remaining for New Customers</b>	<b>4,670</b>	<b>3,900</b>
<b>New 2008 Customer: Encore</b>	<b>678</b>	<b>0</b>
<b>Net Capacity Remaining for New Customers</b>	<b>3,992</b>	<b>3,900</b>



*Capacity Available for New Customers*

	Chilled Water (tons)	Steam (PPH)
<b>Net Available Capacity to Sell</b>	<b>3,992</b>	<b>3,900</b>
<b>Sounds Ballpark</b>	<b>200</b>	<b>No Estimate</b>
<b>Ballpark Mixed-Use Development</b>	<b>No Estimate</b>	<b>No Estimate</b>
<b>Signature Tower</b>	<b>No Estimate</b>	<b>No Estimate</b>
<b>Federal Courthouse</b>	<b>1,085</b>	<b>10,053</b>
<b>Peabody Hotel</b>	<b>No Estimate</b>	<b>No Estimate</b>
<b>Westin Hotel</b>	<b>No Estimate</b>	<b>No Estimate</b>
<b>Net Capacity Remaining for New Customers</b>	<b>2,907</b>	<b>- 6,153</b>

CEPS has been tasked by Metro with making plans for future growth and expansion of the District Energy System. A system analysis and chilled water hydraulic model is to be completed early in FY 2007.

### *Utilities and Fuel Procurement*

During FY 2005-2006, CEPS provided proactive support to Metro in the areas of fuel procurement and risk management. Metro, in a collaborative effort with CEPS, Fellon-McCord and Associates, Inc. and Gas Supply Consulting Company, made natural gas and propane procurement recommendations. Procurement decisions were made based upon a matrix of pricing and consumption factors including but not limited to then-current pricing conditions, future pricing conditions, technical and fundamental pricing trends, consumption variances as a function of incremental demand and conservation and budgetary considerations. All natural gas supply was procured from Atmos Energy Marketing Company (“AEM”) under the terms and conditions of an agreement between Metro and AEM for a service period encompassing FY 2006 and extending through May 2007.

Following is a report of the natural gas purchases made in FY2005-2006:

#### **Natural Gas**

Month	Quantity (DT)	Unit Cost	Amount
July 2005	18,071	\$ 8.83	\$ 159,511.42
August	19,100	\$ 9.36	\$ 178,718.74
September	20,741	\$ 10.09	\$ 209,222.04
October	35,306	\$ 11.13	\$ 393,011.79
November	50,824	\$ 10.88	\$ 553,158.22
December	82,521	\$ 10.46	\$ 863,317.67
January 2006	69,177	\$ 10.32	\$ 714,025.16
February	67,936	\$ 8.77	\$ 595,713.57
March	56,665	\$ 8.62	\$ 488,653.16
April	37,430	\$ 8.82	\$ 330,300.13
May	34,674	\$ 8.68	\$ 301,034.93
June	26,899	\$ 8.98	\$ 241,528.53
<b>Total</b>	<b>519,344</b>	<b>\$ 9.68</b>	<b>\$ 5,028,195.36</b>

The FY05-06 Budget for Natural Gas purchases was \$5,712,967. If Metro had purchased all fuel from Nashville Gas Company, the cost would have been \$5,710,108. By proactively making advanced purchases (Hedging), the accrued savings of was a direct benefit to the customers.

### Propane

Month	Quantity (Gal)	Unit Cost	Amount
July, 05	-	\$ -	\$ -
August	-	\$ -	\$ -
September	-	\$ -	\$ -
October	3	\$ 6.000	\$ 18.00 -
November	-	\$ -	\$ -
December	-	\$ -	\$ -
January, 06	-	\$ -	\$ -
February	-	\$ -	\$ -
March	1,043	\$ 6.000	\$ 6,258.00
April	428	\$ 6.000	\$ 2,568.00
May	197	\$ 6.000	\$ 1,182.00
June	-	\$ -	\$ -
<b>Total</b>	<b>1,668</b>	<b>\$ 6.000</b>	<b>\$ 10,026.00</b>

During FY 05 – 06, electricity and water were purchased each month based on the rate schedules of Nashville Electric Service and the Metro Water Department.

### Electricity

Month	Quantity (Kwh)	Unit Cost	Amount
July, 05	6,440,000	\$ 0.053	\$ 343,191.49
August	6,636,000	\$ 0.055	\$ 363,918.54
September	5,460,000	\$ 0.055	\$ 304,979.94
October	3,864,000	\$ 0.069	\$ 265,762.74
November	2,968,000	\$ 0.076	\$ 224,892.72
December	2,352,000	\$ 0.087	\$ 204,786.48
January, 06	2,632,000	\$ 0.082	\$ 216,184.61
February	2,184,000	\$ 0.091	\$ 199,302.96
March	3,024,000	\$ 0.075	\$ 226,720.56
April	4,116,000	\$ 0.075	\$ 308,876.24
May	4,228,000	\$ 0.077	\$ 324,960.56
June	5,852,000	\$ 0.070	\$ 409,426.88
<b>Total</b>	<b>49,756,000</b>	<b>\$ 0.068</b>	<b>\$ 3,393,003.72</b>

**Water & Sewer**

Month	Quantity (Kgal)	Unit Cost	Amount
July, 05	15,062	\$ 3.045	\$ 45,842.45
August	17,630	\$ 3.045	\$ 53,647.50
September	14,676	\$ 3.049	\$ 44,691.34
October	11,889	\$ 3.051	\$ 36,222.80
November	10,651	\$ 3.051	\$ 32,455.81
December	11,153	\$ 3.052	\$ 33,986.91
January, 06	11,584	\$ 3.056	\$ 35,321.37
February	10,251	\$ 3.050	\$ 31,233.88
March	11,453	\$ 3.050	\$ 34,883.12
April	12,506	\$ 3.046	\$ 38,073.90
May	13,568	\$ 3.046	\$ 41,304.77
June	16,873	\$ 3.045	\$ 51,347.98
<b>Total</b>	<b>157,296</b>	<b>\$ 3.045</b>	<b>\$ 479,011.83</b>

## ***Financial Report***

The following is an explanation of the Appendices associated with this financial report.

### **Appendix 1 - Customer List**

This chart lists the number of customers served by the District Energy System (DES). The customers are sorted according to three categories:

- Private Customers
- State of Tennessee Customers
- Metropolitan Nashville (City) Customers

The first column labeled “Buildings Served” shows the number of corporate or governmental entities served. The second column labeled “Bills Rendered” shows the number of bills sent to customers each month.

### **Appendix 2 – Revenues**

This chart summarizes the revenues charged per month by DES to each customer for fiscal year 2005 – 2006.

### **Appendix 3 – Customer Rate Reconciliation**

Monthly Reconciliation charts from July 2005 to June 2006 are found in this appendix. The final chart is a Summary Reconciliation table for FY 05-06.

These charts detail the amount allocable to customers to the amount allocated to customers. The difference in the allocable amount and the amount allocated to customers is paid by Metro and is called the Metro Funding Amount (MFA).

- a. **Facilities Capital Charge** – The debt service on revenue bonds issued for the project.
- b. **System Operator Charge** – Includes the system operator’s fee which is most of the operations and maintenance costs of the system.
- c. **EDS Improvements Charge** – Replacement and repair allowance was set at \$156,663 annually for FY 05-06.
- d. **Metro Incremental Administrative Charge** – Per the customer service agreement are the “actual, reasonable and necessary” cost over and above current Metro operating costs to manage the DES system and operator.

- e. **Pass Through Charges –**
  - i. **Water and Sewer** – The actual cost of providing water and sewer services.
  - ii. **Water Treatment Chemicals** – The actual cost of chemicals for treating water.
  - iii. **Engineering** – The engineering costs for any required capital repair or replacement project.
  - iv. **Insurance** – The cost to maintain all-risk property insurance and business insurance policies.
  - v. **EDS Electricity** – The cost of electricity for tunnel lights and safety equipment.
  - vi. **EDS Surcharge** – Surcharge to private customers only to cap their annual cost of any EDS repairs made by Metro.
- f. **Energy Charges –**
  - i. **Electricity** – The actual cost of electricity.
  - ii. **Natural Gas** – The actual cost of natural gas.
  - iii. **Propane Gas** – The actual cost of propane.

#### **Appendix 4 – CEPS Invoice Reconciliation (FEA)**

#### **Exhibit 1 – Performance Guarantee Side Letter**

#### **Exhibit 2 – Performance Guarantee Calculations**



# Appendix 1

District Energy System Customer Count June 30, 2006			
<u>Type</u>	<u>Customer Name</u>	<u>Buildings Served</u>	<u>Bills Rendered</u>
1	Parkway Towers	1	1
1	South Trust	2	2
1	Union Planters Bank	3	3
1	Sheraton Hotel	4	4
1	Hermitage Hotel	5	5
1	501 Building	6	6
1	Sun Trust Bank	7	7
1	Sun Trust Financial Center	8	8
1	Renaissance Hotel	9	9
1	Renaissance Office Tower	10	10
1	St. Mary of the Seven Sorrows	11	11
1	Nashville City Center	12	12
1	Wildhorse Saloon	13	13
1	Ryman Auditorium	14	14
1	Nashville Symphony Association	15	15
1	Viridian Residential Tower	16	16
2	Andrew Jackson	17	17
2	Central Services	18	18
2	Cordell Hull Building	19	19
2	John Sevier	20	20
2	War Memorial Building	21	21
2	Library and Archives	22	22
2	Supreme Court Building	23	23
2	State Capitol Building	24	24
2	James K. Polk	25	25
2	Citizen Plaza Building	26	26
2	Tennessee Tower	27	27
2	Tennessee State University	28	28
2	Tenn. Performing Arts Ctr.	29	29
2	Legislative Plaza Bldg.	30	30
2	Rachel Jackson Bldg.	31	31
3	Ben West	32	32
3	Metro Courthouse	33	33
3	Municipal Auditorium	34	34
3	Criminal Justice Center	35	35
3	Convention Center	36	36
3	Gaylord Entertainment Center	37	37
3	Nashville Coliseum	38	38
3	Hume Fogg School	39	39
3	Nashville Public Library	40	40

# Appendix 2

District Energy System  
Operating Revenues  
FY 05 - 06

	July	August	September	October	November	December	January	February	March	April	May	June	True Up	Total
A. A. Birch	\$ 33,537.50	\$ 31,061.27	\$ 31,380.10	\$ 31,773.18	\$ 31,700.64	\$ 31,685.19	\$ 69,334.31	\$ 53,651.97	\$ 61,202.52	\$ 66,071.13	\$ 85,085.70	\$ 99,944.30	\$ 2,303.30	\$ 628,731.11
Metro Courthouse	\$ 13,568.84	\$ 12,588.07	\$ 12,739.85	\$ 12,872.10	\$ 12,841.59	\$ 12,835.28	\$ 12,860.52	\$ 12,854.73	\$ 12,853.94	\$ 12,868.00	\$ 12,837.00	\$ 13,167.69	\$ 978.12	\$ 155,865.73
Parkway Towers	\$ 23,766.98	\$ 21,917.36	\$ 20,044.66	\$ 23,681.85	\$ 31,537.44	\$ 45,973.16	\$ 37,474.56	\$ 32,535.34	\$ 29,971.58	\$ 26,402.83	\$ 22,414.53	\$ 23,835.58	\$ 1,174.69	\$ 340,730.56
South Trust	\$ 12,881.79	\$ 14,206.41	\$ 15,034.54	\$ 19,066.39	\$ 15,290.94	\$ 18,646.37	\$ 19,463.99	\$ 16,585.91	\$ 14,336.38	\$ 14,257.91	\$ 14,637.66	\$ 13,741.41	\$ 494.73	\$ 188,644.43
Regions Bank	\$ 14,381.58	\$ 14,940.46	\$ 15,157.89	\$ 21,105.20	\$ 20,913.41	\$ 19,988.21	\$ 18,882.67	\$ 17,174.90	\$ 16,467.14	\$ 14,818.50	\$ 19,472.10	\$ 18,048.69	\$ 610.19	\$ 211,960.94
Sheraton Hotel	\$ 55,540.78	\$ 56,236.40	\$ 53,258.24	\$ 71,415.09	\$ 69,909.25	\$ 81,909.93	\$ 75,084.18	\$ 82,473.36	\$ 70,473.29	\$ 64,991.53	\$ 73,094.11	\$ 58,528.31	\$ 2,095.36	\$ 815,009.83
Municipal Auditorium	\$ 20,706.69	\$ 18,443.27	\$ 16,572.56	\$ 16,255.42	\$ 18,197.12	\$ 27,136.82	\$ 23,094.38	\$ 23,820.53	\$ 18,479.85	\$ 16,144.10	\$ 15,614.57	\$ 17,542.12	\$ 1,158.19	\$ 233,165.62
Hermitage Hotel	\$ 25,392.34	\$ 26,034.35	\$ 21,933.67	\$ 25,764.95	\$ 33,556.10	\$ 34,922.12	\$ 32,313.51	\$ 28,941.72	\$ 26,092.56	\$ 25,942.62	\$ 26,558.14	\$ 25,508.44	\$ 1,058.62	\$ 334,019.14
Criminal Justice Center	\$ 54,448.05	\$ 54,673.77	\$ 57,767.61	\$ 61,187.75	\$ 50,972.97	\$ 65,300.06	\$ 59,473.46	\$ 54,563.57	\$ 47,991.03	\$ 46,362.04	\$ 45,334.93	\$ 46,170.61	\$ 2,048.96	\$ 646,294.81
501 Union Association	\$ 8,885.21	\$ 8,795.11	\$ 7,842.05	\$ 9,064.38	\$ 31,014.92	\$ 10,807.54	\$ 11,946.62	\$ 14,158.38	\$ 8,372.22	\$ 9,276.26	\$ 8,785.38	\$ 8,447.54	\$ 399.43	\$ 137,795.04
Sun Trust Bank	\$ 38,734.10	\$ 40,701.90	\$ 35,554.60	\$ 38,142.04	\$ 55,277.84	\$ 72,429.12	\$ 53,245.55	\$ 51,369.82	\$ 47,386.89	\$ 44,915.36	\$ 44,423.07	\$ 37,147.74	\$ (1,260.58)	\$ 558,067.45
Sun Trust Financial Center	\$ 37,496.00	\$ 36,755.19	\$ 34,455.60	\$ 32,891.56	\$ 29,779.55	\$ 29,236.28	\$ 31,588.30	\$ 30,660.65	\$ 31,577.32	\$ 33,466.22	\$ 34,886.37	\$ 36,143.56	\$ 2,235.49	\$ 401,172.09
Renaissance Hotel	\$ 68,514.52	\$ 72,202.79	\$ 63,110.50	\$ 83,481.17	\$ 79,864.08	\$ 77,764.60	\$ 78,235.23	\$ 74,318.61	\$ 65,774.18	\$ 68,964.85	\$ 79,909.40	\$ 80,621.81	\$ 2,482.86	\$ 895,244.60
Convention Center	\$ 55,952.00	\$ 54,665.15	\$ 52,782.47	\$ 72,162.31	\$ 79,018.03	\$ 90,722.86	\$ 83,417.16	\$ 80,444.83	\$ 80,974.92	\$ 78,504.67	\$ 78,462.74	\$ 70,707.86	\$ 3,165.60	\$ 880,980.60
Renaissance Office Tower	\$ 10,063.60	\$ 10,043.02	\$ 9,263.88	\$ 8,830.65	\$ 8,360.54	\$ 7,267.66	\$ 7,745.47	\$ 7,513.29	\$ 7,661.27	\$ 7,663.07	\$ 9,393.04	\$ 9,982.43	\$ 554.74	\$ 104,342.66
St. Mary of the Seven Sorrows	\$ 809.87	\$ 809.87	\$ 809.87	\$ 809.87	\$ 809.87	\$ 809.87	\$ 809.87	\$ 809.87	\$ 809.87	\$ 809.87	\$ 809.87	\$ 809.87	\$ -	\$ 9,718.44
Nashville City Center	\$ 40,729.55	\$ 33,847.08	\$ 37,026.74	\$ 31,814.01	\$ 28,750.37	\$ 26,779.07	\$ 27,074.71	\$ 26,783.29	\$ 28,880.88	\$ 31,900.03	\$ 33,982.92	\$ 36,810.97	\$ 2,166.14	\$ 386,545.76
Wildhorse Saloon	\$ 16,225.16	\$ 16,944.50	\$ 13,802.54	\$ 13,688.76	\$ 13,283.57	\$ 21,922.68	\$ 22,632.05	\$ 12,566.99	\$ 12,114.65	\$ 11,385.21	\$ 11,234.93	\$ 15,284.78	\$ 399.45	\$ 181,485.27
Ryman Auditorium	\$ 18,770.58	\$ 20,290.80	\$ 14,999.81	\$ 19,432.33	\$ 17,163.98	\$ 16,366.92	\$ 14,788.07	\$ 14,810.15	\$ 14,387.98	\$ 15,609.79	\$ 18,244.42	\$ 19,523.81	\$ 353.33	\$ 204,741.97
Gaylord Entertainment Center	\$ 143,747.19	\$ 124,316.24	\$ 135,519.83	\$ 165,661.72	\$ 170,045.85	\$ 166,798.54	\$ 170,526.17	\$ 156,877.26	\$ 153,839.43	\$ 152,547.44	\$ 102,847.51	\$ 117,960.73	\$ 4,980.60	\$ 1,765,668.51
Nashville Coliseum	\$ 57,139.26	\$ 57,854.97	\$ 51,398.48	\$ 46,991.48	\$ 41,533.04	\$ 35,923.81	\$ 37,455.06	\$ 36,633.81	\$ 38,710.01	\$ 44,978.89	\$ 46,971.22	\$ 57,241.93	\$ 3,558.71	\$ 556,390.67
Hume Fogg School	\$ 16,362.66	\$ 18,058.67	\$ 16,464.08	\$ 17,431.85	\$ 18,101.93	\$ 23,453.90	\$ 18,897.38	\$ 18,542.84	\$ 15,818.01	\$ 18,127.09	\$ 15,884.10	\$ 19,301.87	\$ 599.91	\$ 217,044.29
Andrew Jackson	\$ 140,953.08	\$ 149,039.11	\$ 140,629.10	\$ 46,349.41	\$ 48,806.97	\$ 134,282.89	\$ 111,112.52	\$ 87,735.11	\$ 97,440.71	\$ 78,579.88	\$ 84,994.35	\$ 67,784.01	\$ (757.97)	\$ 1,186,949.17
Central Services	\$ -	\$ -	\$ -	\$ 2,781.67	\$ 6,136.12	\$ 12,330.29	\$ 9,591.27	\$ 7,190.75	\$ 7,953.40	\$ 5,399.35	\$ 5,972.19	\$ 4,018.11	\$ (137.10)	\$ 61,236.05
Cordell Hull Building	\$ 24,455.15	\$ 24,628.49	\$ 21,641.85	\$ 37,090.54	\$ 41,723.93	\$ 49,480.20	\$ 39,609.56	\$ 34,266.93	\$ 35,997.11	\$ 31,985.89	\$ 34,312.27	\$ 31,962.38	\$ 232.50	\$ 407,386.80
John Sevier	\$ 13,985.62	\$ 14,174.29	\$ 13,245.23	\$ 29,188.52	\$ 33,818.96	\$ 34,561.24	\$ 24,803.65	\$ 25,667.70	\$ 25,150.27	\$ 21,982.25	\$ 22,786.92	\$ 19,639.32	\$ 76.69	\$ 279,080.66
War Memorial Building	\$ 23,355.89	\$ 22,921.27	\$ 20,787.96	\$ 27,239.26	\$ 35,628.03	\$ 53,320.76	\$ 48,334.88	\$ 40,981.10	\$ 40,078.18	\$ 37,514.23	\$ 39,847.44	\$ 36,099.83	\$ 115.04	\$ 426,223.87
State Library & Archives	\$ 5,798.53	\$ 5,717.26	\$ 5,356.40	\$ 11,657.95	\$ 12,239.60	\$ 14,005.01	\$ 12,381.90	\$ 10,225.27	\$ 10,849.96	\$ 10,076.10	\$ 10,960.97	\$ 9,742.15	\$ (0.22)	\$ 119,010.88
State Supreme Court Building	\$ 4,350.68	\$ 4,546.81	\$ 4,144.15	\$ 10,577.08	\$ 12,223.91	\$ 9,962.76	\$ 7,582.46	\$ 5,780.43	\$ 6,876.54	\$ 6,552.93	\$ 7,272.82	\$ 6,432.30	\$ 22.62	\$ 86,325.49
State Capitol	\$ 8,034.52	\$ 8,200.65	\$ 7,526.88	\$ 10,079.88	\$ 16,487.58	\$ 21,074.28	\$ 18,547.20	\$ 14,887.76	\$ 15,917.18	\$ 13,483.26	\$ 14,585.58	\$ 12,727.13	\$ 0.65	\$ 161,552.55
James K. Polk Building	\$ 102,287.16	\$ 110,352.49	\$ 94,782.77	\$ 96,426.21	\$ 97,956.73	\$ 113,472.58	\$ 93,223.46	\$ 100,102.31	\$ 88,182.83	\$ 89,295.58	\$ 90,638.97	\$ 98,850.12	\$ 558.55	\$ 1,176,129.76
Citizens Plaza Building	\$ 32,679.95	\$ 32,741.36	\$ 30,137.09	\$ 31,853.87	\$ 40,259.00	\$ 42,115.45	\$ 43,184.05	\$ 36,717.60	\$ 34,749.49	\$ 34,862.05	\$ 31,273.03	\$ 31,290.70	\$ 225.66	\$ 422,089.30
Tennessee Tower	\$ 99,923.36	\$ 108,338.55	\$ 109,537.72	\$ 141,948.23	\$ 143,546.99	\$ 153,808.86	\$ 149,638.30	\$ 140,794.30	\$ 119,550.40	\$ 87,254.79	\$ 79,258.67	\$ 97,940.54	\$ (292.73)	\$ 1,431,247.98
Nashville Symphony	\$ 12,285.30	\$ 12,362.28	\$ 12,752.64	\$ 18,173.74	\$ 38,661.71	\$ 48,981.61	\$ 45,420.73	\$ 33,556.06	\$ 26,938.11	\$ 36,378.77	\$ 19,660.13	\$ 50,587.26	\$ (1,032.69)	\$ 354,725.65
Nashville Public Library	\$ 22,991.63	\$ 23,589.39	\$ 54,009.01	\$ 45,541.60	\$ 44,284.75	\$ 47,633.92	\$ 37,086.25	\$ 42,143.02	\$ 39,627.46	\$ 40,929.10	\$ 42,023.45	\$ 43,574.99	\$ (1,088.29)	\$ 482,346.28
Tennessee State University	\$ -	\$ -	\$ -	\$ 4,432.35	\$ 16,825.01	\$ 29,528.25	\$ 22,968.93	\$ 17,220.15	\$ 19,046.56	\$ 4,377.28	\$ 4,357.20	\$ 4,357.69	\$ (245.79)	\$ 122,867.63
Legislative Plaza	\$ -	\$ -	\$ -	\$ 26,056.39	\$ 34,267.80	\$ 74,304.12	\$ 57,798.41	\$ 43,332.38	\$ 47,928.30	\$ 32,537.20	\$ 35,989.21	\$ 22,078.75	\$ (785.28)	\$ 373,507.28
Rachel Jackson State Office Bldg.	\$ -	\$ -	\$ -	\$ 15,091.07	\$ 15,344.62	\$ 37,502.53	\$ 31,249.14	\$ 25,474.55	\$ 27,602.13	\$ 22,408.02	\$ 24,055.35	\$ 19,550.45	\$ (237.04)	\$ 218,040.82
Viridian Residential Tower	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,730.37	\$ 5,595.43	\$ 7,450.14	\$ 9,325.52	\$ (250.44)	\$ 25,851.02
	\$ 1,258,755.12	\$ 1,261,998.60	\$ 1,231,470.37	\$ 1,378,011.83	\$ 1,496,134.74	\$ 1,795,044.74	\$ 1,658,875.93	\$ 1,514,167.24	\$ 1,451,794.92	\$ 1,365,219.52	\$ 1,356,322.40	\$ 1,392,433.30	\$ 27,962.00	\$ 17,188,190.71



**Constellation Energy®**  
Projects & Services Group

**Nashville District Energy, LLC**

*90 Peabody Street*

*Nashville, TN 37210*

# Appendix 3

# Customer Reconciliation - Steam and CW

Metro DES

CUSTOMER INFORMATION		STANDARD CHARGES													
For Fiscal Year 05 - 06		CAPACITY CHARGES				PASS THROUGH CHARGES						ENERGY CHARGES			
		Facilities Capital Charge	System Operator Charge	EDS Improvement Charge	Metro Incremental Admin. Charge	Water and Sewer Charge	Chemical Treatment Charge	Engineering Charge	Insurance Charge	EDS Electricity Charge	EDS Maintenance Costs Allocation	Electricity Charge	Natural Gas Charge	Propane Gas Charge	
Customer Name															
A. A. Birch		\$ 188,611.15	\$ 156,062.35	\$ 6,865.37	\$ 28,835.80	\$ 12,818.14	\$ 2,823.53	\$ 100.93	\$ 1,244.28	\$ 2,238.89	\$ -	\$ 72,716.04	\$ 155,957.59	\$ 457.04	
Metro Courthouse		\$ 78,170.21	\$ 61,806.58	\$ 2,718.00	\$ 11,416.20	\$ 31.85	\$ 5.63	\$ 39.96	\$ 492.62	\$ 886.39	\$ -	\$ 298.29	\$ -	\$ -	
Parkway Towers		\$ 81,401.97	\$ 70,621.45	\$ 3,107.76	\$ 13,053.20	\$ 9,480.23	\$ 2,265.84	\$ 45.64	\$ 563.25	\$ 1,013.47	\$ 6,684.00	\$ 69,386.58	\$ 82,950.94	\$ 156.23	
South Trust		\$ 35,081.73	\$ 30,299.57	\$ 1,333.32	\$ 5,600.19	\$ 6,725.01	\$ 1,543.44	\$ 19.55	\$ 241.65	\$ 434.81	\$ 2,402.04	\$ 42,189.59	\$ 62,672.72	\$ 100.81	
Regions Bank		\$ 41,471.50	\$ 36,647.06	\$ 1,612.92	\$ 6,774.48	\$ 6,983.15	\$ 1,586.15	\$ 23.70	\$ 292.32	\$ 525.99	\$ 2,924.04	\$ 46,779.37	\$ 66,226.17	\$ 114.09	
Sheraton Hotel		\$ 171,759.28	\$ 141,909.85	\$ 6,242.69	\$ 26,220.51	\$ 23,926.57	\$ 5,586.63	\$ 91.91	\$ 1,131.43	\$ 2,035.86	\$ 11,592.96	\$ 145,372.15	\$ 278,535.28	\$ 604.71	
Municipal Auditorium		\$ 86,194.20	\$ 75,373.60	\$ 3,317.04	\$ 13,932.33	\$ 2,137.49	\$ 492.78	\$ 48.77	\$ 601.19	\$ 1,081.74	\$ -	\$ 14,671.37	\$ 35,277.41	\$ 37.70	
Hermitage Hotel		\$ 82,962.45	\$ 66,558.66	\$ 2,927.28	\$ 12,295.34	\$ 9,464.16	\$ 2,182.07	\$ 43.00	\$ 530.55	\$ 954.65	\$ 2,610.96	\$ 59,989.59	\$ 93,338.04	\$ 162.39	
Criminal Justice Center		\$ 164,649.84	\$ 132,301.88	\$ 5,818.85	\$ 24,440.24	\$ 18,369.74	\$ 4,127.92	\$ 85.54	\$ 1,054.61	\$ 1,897.59	\$ -	\$ 103,095.53	\$ 190,196.96	\$ 256.11	
501 Union Association		\$ 32,710.17	\$ 26,825.87	\$ 1,180.08	\$ 4,956.29	\$ 3,195.19	\$ 767.50	\$ 17.35	\$ 213.87	\$ 384.83	\$ 2,192.93	\$ 21,601.71	\$ 43,718.63	\$ 30.62	
Sun Trust Bank		\$ 226,120.44	\$ -	\$ -	\$ -	\$ 18,803.24	\$ 4,342.12	\$ 61.46	\$ 758.67	\$ -	\$ -	\$ 137,249.37	\$ 170,390.29	\$ 341.86	
Sun Trust Financial Center		\$ 99,966.58	\$ 99,128.86	\$ 4,366.08	\$ 18,338.12	\$ 17,494.67	\$ 3,882.91	\$ 64.22	\$ 791.30	\$ 1,423.80	\$ 7,415.04	\$ 148,300.51	\$ -	\$ -	
Renaissance Hotel		\$ 206,048.23	\$ 165,528.17	\$ 7,280.28	\$ 30,578.13	\$ 25,759.30	\$ 5,757.60	\$ 107.08	\$ 1,319.47	\$ 2,374.17	\$ 13,785.96	\$ 144,403.74	\$ 291,795.95	\$ 506.52	
Convention Center		\$ 253,712.82	\$ 209,510.16	\$ 9,216.53	\$ 38,710.84	\$ 17,533.94	\$ 4,143.37	\$ 135.54	\$ 1,670.40	\$ 3,005.63	\$ -	\$ 116,253.38	\$ 226,602.76	\$ 485.23	
Renaissance Office Tower		\$ 26,240.82	\$ 26,004.67	\$ 1,145.90	\$ 4,758.80	\$ 4,467.94	\$ 985.22	\$ 44.62	\$ 227.60	\$ 371.75	\$ 2,141.04	\$ 37,954.30	\$ -	\$ -	
St. Mary of the Seven Sorrows		\$ 9,404.40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 314.04	\$ -	\$ -	\$ -	
Nashville City Center		\$ 95,845.22	\$ 95,042.02	\$ 4,186.08	\$ 17,582.12	\$ 16,862.72	\$ 3,683.67	\$ 61.58	\$ 758.68	\$ 1,365.12	\$ 7,101.96	\$ 144,056.59	\$ -	\$ -	
Wildhorse Saloon		\$ 28,698.03	\$ 24,866.88	\$ 1,094.33	\$ 4,596.29	\$ 6,877.56	\$ 1,514.83	\$ 16.12	\$ 198.32	\$ 356.86	\$ 1,722.96	\$ 42,034.32	\$ 69,434.53	\$ 74.24	
Ryman Auditorium		\$ 23,333.77	\$ 20,997.37	\$ 924.24	\$ 3,881.99	\$ 9,457.23	\$ 2,062.00	\$ 13.55	\$ 167.51	\$ 301.42	\$ 1,671.07	\$ 54,560.59	\$ 87,228.71	\$ 142.52	
Gaylord Entertainment Center		\$ 336,951.45	\$ 299,862.96	\$ 13,198.08	\$ 55,434.28	\$ 65,092.20	\$ 15,163.91	\$ 194.17	\$ 2,392.03	\$ 4,304.07	\$ -	\$ 405,524.12	\$ 566,542.84	\$ 1,008.40	
Nashville Coliseum		\$ 191,690.38	\$ 190,083.97	\$ 8,372.04	\$ 35,164.25	\$ 12,770.48	\$ 2,559.92	\$ 123.15	\$ 1,517.36	\$ 2,730.24	\$ -	\$ 111,378.88	\$ -	\$ -	
Hume Fogg School		\$ 47,878.27	\$ 40,744.82	\$ 1,792.80	\$ 7,530.03	\$ 6,368.23	\$ 1,424.57	\$ 26.38	\$ 324.92	\$ 584.66	\$ -	\$ 35,125.05	\$ 75,120.03	\$ 124.53	
Nashville Symphony		\$ 139,956.96	\$ -	\$ -	\$ -	\$ 9,924.31	\$ 2,415.78	\$ 37.70	\$ 465.47	\$ -	\$ -	\$ 57,887.55	\$ 143,752.84	\$ 285.04	
Nashville Public Library		\$ 62,399.96	\$ -	\$ -	\$ -	\$ 27,171.03	\$ 6,170.81	\$ 14.49	\$ 704.23	\$ -	\$ -	\$ 176,758.20	\$ 208,715.70	\$ 411.86	
Viridian Residential Tower		\$ 25,967.67	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (116.65)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
State Government of Tennessee		\$ 1,639,133.93	\$ 1,018,952.18	\$ -	\$ -	\$ 201,777.37	\$ 46,925.49	\$ -	\$ 8,811.93	\$ 15,855.55	\$ -	\$ 1,212,374.56	\$ 2,323,104.34	\$ 4,712.89	
Grand Totals:		\$ 4,376,361.44	\$ 2,989,128.93	\$ 86,699.67	\$ 364,099.43	\$ 533,491.75	\$ 122,413.69	\$ 1,299.76	\$ 26,473.66	\$ 44,127.49	\$ 62,559.00	\$ 3,399,961.38	\$ 5,171,561.73	\$ 10,012.79	
Rate Calculation Totals:		\$ 5,196,268.38	\$ 4,060,446.22	\$ 133,163.52	\$ 559,313.06	\$ 535,434.56	\$ 123,026.25	\$ 46,346.16	\$ 24,134.61	\$ 43,426.35	\$ 27,540.24	\$ 3,407,625.29	\$ 5,344,120.75	\$ 10,026.00	
Deviation:		\$ (819,906.94)	\$ (1,071,317.29)	\$ (46,463.85)	\$ (195,213.63)	\$ (1,942.81)	\$ (612.56)	\$ (45,046.40)	\$ 2,339.05	\$ 701.15	\$ 35,018.76	\$ (7,663.91)	\$ (172,559.02)	\$ (13.21)	



# Customer Reconciliation - Steam and CW

Metro DES

CUSTOMER INFORMATION		STANDARD CHARGES												
For July 2005		CAPACITY CHARGES				PASS THROUGH CHARGES						ENERGY CHARGES		
	Facilities Capital Charge	System Operator Charge	EDS Improvement Charge	Metro Incremental Admin. Charge	Water and Sewer Charge	Chemical Treatment Charge	Engineering Charge	Insurance Charge	EDS Electricity Charge	EDS Maintenance Costs Allocation	Electricity Charge	Natural Gas Charge	Propane Gas Charge	
Customer Name														
Ben West	\$ 15,700.75	\$ 13,594.64	\$ 572.12	\$ 2,006.70	\$ -	\$ -	\$ 224.36	\$ 1,244.28	\$ 194.65	\$ -	\$ -	\$ -	\$ -	
Metro Courthouse	\$ 6,507.20	\$ 5,382.17	\$ 226.50	\$ 794.46	\$ -	\$ -	\$ 88.82	\$ 492.62	\$ 77.07	\$ -	\$ -	\$ -	\$ -	
Parkway Towers	\$ 6,776.23	\$ 6,153.93	\$ 258.98	\$ 908.38	\$ 836.07	\$ 124.48	\$ 101.56	\$ 563.25	\$ 88.11	\$ 557.00	\$ 7,398.99	\$ -	\$ -	
South Trust	\$ 2,920.35	\$ 2,640.21	\$ 111.11	\$ 389.72	\$ 588.76	\$ 91.16	\$ 43.57	\$ 241.65	\$ 37.80	\$ 200.17	\$ 4,125.10	\$ 1,492.19	\$ -	
Union Planters Bank	\$ 3,452.25	\$ 3,193.81	\$ 134.41	\$ 471.44	\$ 644.83	\$ 96.41	\$ 52.71	\$ 292.32	\$ 45.72	\$ 243.67	\$ 5,579.92	\$ 174.09	\$ -	
Sheraton Hotel	\$ 14,297.93	\$ 12,361.68	\$ 520.23	\$ 1,824.70	\$ 2,254.92	\$ 348.60	\$ 204.01	\$ 1,131.43	\$ 177.00	\$ 966.08	\$ 15,957.97	\$ 5,496.23	\$ -	
Municipal Auditorium	\$ 7,175.15	\$ 6,568.38	\$ 276.42	\$ 969.56	\$ 491.42	\$ 73.17	\$ 108.40	\$ 601.19	\$ 94.05	\$ -	\$ 4,348.95	\$ -	\$ -	
Hermitage Hotel	\$ 6,906.13	\$ 5,796.62	\$ 243.94	\$ 855.64	\$ 978.90	\$ 153.21	\$ 95.66	\$ 530.55	\$ 83.00	\$ 217.58	\$ 6,347.77	\$ 3,183.34	\$ -	
Criminal Justice Center	\$ 13,706.12	\$ 11,522.36	\$ 484.91	\$ 1,700.81	\$ 2,213.20	\$ 359.30	\$ 190.16	\$ 1,054.61	\$ 164.98	\$ -	\$ 10,343.12	\$ 12,708.48	\$ -	
501 Building	\$ 2,722.92	\$ 2,336.66	\$ 98.34	\$ 344.91	\$ 291.41	\$ 43.39	\$ 38.56	\$ 213.87	\$ 33.46	\$ 182.75	\$ 2,578.94	\$ -	\$ -	
Sun Trust Bank	\$ 18,843.37	\$ -	\$ -	\$ -	\$ 1,887.91	\$ 281.08	\$ 136.80	\$ 758.67	\$ 118.68	\$ -	\$ 16,707.59	\$ -	\$ -	
Sun Trust Financial Center	\$ 8,321.62	\$ 8,645.53	\$ 363.84	\$ 1,276.16	\$ 1,721.55	\$ 256.31	\$ 142.68	\$ 791.30	\$ 123.78	\$ 617.92	\$ 15,235.31	\$ -	\$ -	
Renaissance Hotel	\$ 17,152.28	\$ 14,416.06	\$ 606.69	\$ 2,127.95	\$ 2,747.92	\$ 441.71	\$ 237.91	\$ 1,319.47	\$ 206.41	\$ 1,148.83	\$ 14,207.06	\$ 13,902.23	\$ -	
Convention Center	\$ 21,120.07	\$ 18,250.23	\$ 768.05	\$ 2,693.91	\$ 1,078.57	\$ 161.46	\$ 301.19	\$ 1,670.40	\$ 261.31	\$ -	\$ 9,273.76	\$ 373.05	\$ -	
Renaissance Office Tower	\$ 2,393.56	\$ 2,486.73	\$ 104.65	\$ 367.07	\$ 422.95	\$ 62.97	\$ 41.04	\$ 227.60	\$ 35.60	\$ 178.42	\$ 3,743.01	\$ -	\$ -	
St. Mary of the Seven Sorrows	\$ 783.70	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 26.17	\$ -	\$ -	\$ -	
Nashville City Center	\$ 7,978.54	\$ 8,289.10	\$ 348.84	\$ 1,223.55	\$ 2,128.64	\$ 316.92	\$ 136.80	\$ 758.68	\$ 118.68	\$ 591.83	\$ 18,837.97	\$ -	\$ -	
Wildhorse Saloon	\$ 2,388.94	\$ 2,166.88	\$ 91.20	\$ 319.86	\$ 985.02	\$ 155.18	\$ 35.76	\$ 198.32	\$ 31.03	\$ 143.58	\$ 6,070.61	\$ 3,638.78	\$ -	
Ryman Auditorium	\$ 1,942.40	\$ 1,830.16	\$ 77.02	\$ 270.15	\$ 1,256.00	\$ 201.74	\$ 30.20	\$ 167.51	\$ 26.20	\$ 139.25	\$ 6,541.57	\$ 6,288.38	\$ -	
Gaylord Entertainment Center	\$ 28,049.20	\$ 26,134.49	\$ 1,099.84	\$ 3,857.71	\$ 7,059.07	\$ 1,143.26	\$ 431.31	\$ 2,392.03	\$ 374.19	\$ -	\$ 33,837.16	\$ 39,368.93	\$ -	
Nashville Coliseum	\$ 15,957.08	\$ 16,578.21	\$ 697.67	\$ 2,447.10	\$ 1,943.35	\$ 289.34	\$ 273.60	\$ 1,517.36	\$ 237.36	\$ -	\$ 17,198.19	\$ -	\$ -	
Hume Fogg School	\$ 3,985.58	\$ 3,550.01	\$ 149.40	\$ 524.02	\$ 681.74	\$ 109.19	\$ 58.59	\$ 324.92	\$ 50.83	\$ -	\$ 3,645.56	\$ 3,282.82	\$ -	
Nashville Symphony	\$ 11,663.08	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 83.93	\$ 465.47	\$ 72.82	\$ -	\$ -	\$ -	\$ -	
Nashville Public Library	\$ 5,333.33	\$ -	\$ -	\$ -	\$ 1,669.19	\$ 248.52	\$ 130.66	\$ 724.65	\$ 113.36	\$ -	\$ 14,771.92	\$ -	\$ -	
Viridian Residential Tower	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
State Government of Tennessee	\$ 136,594.49	\$ 84,912.67	\$ -	\$ -	\$ 20,373.96	\$ 3,207.36	\$ -	\$ 8,811.93	\$ 1,378.49	\$ -	\$ 126,316.89	\$ 74,228.14	\$ -	
Grand Totals:	\$ 362,672.28	\$ 256,810.53	\$ 7,234.16	\$ 25,373.80	\$ 52,255.38	\$ 8,164.76	\$ 3,188.28	\$ 26,494.08	\$ 4,144.58	\$ 5,213.25	\$ 343,067.36	\$ 164,136.66	\$ -	
Rate Calculation Totals:	\$ 432,704.62	\$ 348,600.86	\$ 11,096.96	\$ 38,922.92	\$ 52,268.03	\$ 8,168.86	\$ 4,351.75	\$ 24,134.61	\$ 3,775.35	\$ 2,295.02	\$ 343,180.94	\$ 164,136.66	\$ -	
Deviation:	\$ (70,032.34)	\$ (91,790.33)	\$ (3,862.80)	\$ (13,549.12)	\$ (12.65)	\$ (4.10)	\$ (1,163.47)	\$ 2,359.47	\$ 369.24	\$ 2,918.23	\$ (113.58)	\$ -	\$ -	

# Customer Reconciliation - Steam and CW

Metro DES

CUSTOMER INFORMATION		STANDARD CHARGES													
For August 2005		CAPACITY CHARGES				PASS THROUGH CHARGES						ENERGY CHARGES			
Customer Name	Facilities Capital Charge	System Operator Charge	EDS Improvement Charge	Metro Incremental Admin. Charge	Water and Sewer Charge	Chemical Treatment Charge	Engineering Charge	Insurance Charge	EDS Electricity Charge	EDS Maintenance Costs Allocation	Electricity Charge	Natural Gas Charge	Propane Gas Charge		
Ben West	\$ 15,700.75	\$ 12,423.36	\$ 572.12	\$ 2,006.70	\$ -	\$ -	\$ 224.36	\$ -	\$ 133.98	\$ -	\$ -	\$ -	\$ -		
Metro Courthouse	\$ 6,507.20	\$ 4,918.05	\$ 226.50	\$ 794.46	\$ -	\$ -	\$ 88.82	\$ -	\$ 53.04	\$ -	\$ -	\$ -	\$ -		
Parkway Towers	\$ 6,776.23	\$ 5,624.19	\$ 258.98	\$ 908.38	\$ 825.26	\$ 92.40	\$ 101.56	\$ -	\$ 60.65	\$ 557.00	\$ 6,712.71	\$ -	\$ -		
South Trust	\$ 2,920.35	\$ 2,412.93	\$ 111.11	\$ 389.72	\$ 774.40	\$ 91.94	\$ 43.57	\$ -	\$ 26.02	\$ 200.17	\$ 4,177.91	\$ 3,058.29	\$ -		
Union Planters Bank	\$ 3,452.25	\$ 2,918.99	\$ 134.41	\$ 471.44	\$ 807.63	\$ 91.36	\$ 52.71	\$ -	\$ 31.48	\$ 243.67	\$ 6,191.03	\$ 545.49	\$ -		
Sheraton Hotel	\$ 14,297.93	\$ 11,296.60	\$ 520.23	\$ 1,824.70	\$ 2,681.50	\$ 312.51	\$ 204.01	\$ -	\$ 121.83	\$ 966.08	\$ 16,833.47	\$ 7,177.54	\$ -		
Municipal Auditorium	\$ 7,175.15	\$ 6,003.06	\$ 276.42	\$ 969.56	\$ 415.96	\$ 46.57	\$ 108.40	\$ -	\$ 64.74	\$ -	\$ 3,383.41	\$ -	\$ -		
Hermitage Hotel	\$ 6,906.13	\$ 5,296.90	\$ 243.94	\$ 855.64	\$ 1,199.15	\$ 141.34	\$ 95.66	\$ -	\$ 57.13	\$ 217.58	\$ 6,886.62	\$ 4,134.26	\$ -		
Criminal Justice Center	\$ 13,706.12	\$ 10,529.06	\$ 484.91	\$ 1,700.81	\$ 2,556.82	\$ 310.19	\$ 190.16	\$ -	\$ 113.55	\$ -	\$ 11,100.30	\$ 13,981.85	\$ -		
501 Building	\$ 2,722.92	\$ 2,135.30	\$ 98.34	\$ 344.91	\$ 351.43	\$ 39.35	\$ 38.56	\$ -	\$ 23.03	\$ 182.75	\$ 2,858.52	\$ -	\$ -		
Sun Trust Bank	\$ 18,843.37	\$ -	\$ -	\$ -	\$ 2,361.87	\$ 264.46	\$ 136.80	\$ -	\$ (118.68)	\$ -	\$ 19,206.16	\$ 7.92	\$ -		
Sun Trust Financial Center	\$ 8,321.62	\$ 7,903.05	\$ 363.84	\$ 1,276.16	\$ 1,951.62	\$ 218.51	\$ 142.68	\$ -	\$ 85.20	\$ 617.92	\$ 15,874.59	\$ -	\$ -		
Renaissance Hotel	\$ 17,152.28	\$ 13,173.30	\$ 606.69	\$ 2,127.95	\$ 3,474.83	\$ 419.50	\$ 237.91	\$ -	\$ 142.07	\$ 1,148.83	\$ 15,919.13	\$ 17,800.30	\$ -		
Convention Center	\$ 21,120.07	\$ 16,677.79	\$ 768.05	\$ 2,693.91	\$ 1,379.64	\$ 155.40	\$ 301.19	\$ -	\$ 179.86	\$ -	\$ 10,843.75	\$ 545.49	\$ -		
Renaissance Office Tower	\$ 2,393.56	\$ 2,273.16	\$ 104.65	\$ 367.07	\$ 504.07	\$ 56.44	\$ 41.04	\$ -	\$ 24.51	\$ 178.42	\$ 4,100.10	\$ -	\$ -		
St. Mary of the Seven Sorrows	\$ 783.70	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 26.17	\$ -	\$ -	\$ -		
Nashville City Center	\$ 7,978.54	\$ 7,577.22	\$ 348.84	\$ 1,223.55	\$ 1,720.59	\$ 192.65	\$ 136.80	\$ -	\$ 81.69	\$ 591.83	\$ 13,995.37	\$ -	\$ -		
Wildhorse Saloon	\$ 2,388.94	\$ 1,980.34	\$ 91.20	\$ 319.86	\$ 1,140.00	\$ 135.54	\$ 35.76	\$ -	\$ 21.36	\$ 143.58	\$ 6,070.44	\$ 4,617.48	\$ -		
Ryman Auditorium	\$ 1,942.40	\$ 1,672.72	\$ 77.02	\$ 270.15	\$ 1,480.85	\$ 179.40	\$ 30.20	\$ -	\$ 18.03	\$ 139.25	\$ 6,533.49	\$ 7,947.29	\$ -		
Gaylord Entertainment Center	\$ 28,049.20	\$ 23,885.89	\$ 1,099.84	\$ 3,857.71	\$ 6,407.38	\$ 758.98	\$ 431.31	\$ -	\$ 257.56	\$ -	\$ 35,256.63	\$ 24,311.74	\$ -		
Nashville Coliseum	\$ 15,957.08	\$ 15,154.43	\$ 697.67	\$ 2,447.10	\$ 2,505.04	\$ 280.48	\$ 273.60	\$ -	\$ 163.38	\$ -	\$ 20,376.19	\$ -	\$ -		
Hume Fogg School	\$ 3,985.58	\$ 3,244.31	\$ 149.40	\$ 524.02	\$ 943.82	\$ 113.08	\$ 58.59	\$ -	\$ 34.99	\$ -	\$ 4,672.00	\$ 4,332.88	\$ -		
Nashville Symphony	\$ 11,663.08	\$ -	\$ -	\$ -	\$ 74.42	\$ 8.33	\$ 83.93	\$ -	\$ (72.82)	\$ -	\$ 605.34	\$ -	\$ -		
Nashville Public Library	\$ 3,733.33	\$ -	\$ -	\$ -	\$ 2,176.94	\$ 243.74	\$ 86.47	\$ (245.07)	\$ (113.36)	\$ -	\$ 17,707.34	\$ -	\$ -		
Viridian Residential Tower	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
State Government of Tennessee	\$ 136,594.50	\$ 84,912.67	\$ -	\$ -	\$ 24,713.70	\$ 2,931.91	\$ -	\$ -	\$ 948.84	\$ -	\$ 134,178.64	\$ 96,380.02	\$ -		
Grand Totals:	\$ 361,072.28	\$ 242,013.32	\$ 7,234.16	\$ 25,373.80	\$ 60,446.92	\$ 7,084.08	\$ 3,144.09	\$ (245.07)	\$ 2,338.08	\$ 5,213.25	\$ 363,483.14	\$ 184,840.55	\$ -		
Rate Calculation Totals:	\$ 432,704.62	\$ 337,247.68	\$ 11,096.96	\$ 38,922.92	\$ 60,457.12	\$ 7,087.50	\$ 4,351.75	\$ -	\$ 2,598.73	\$ 2,295.02	\$ 363,588.64	\$ 184,840.56	\$ -		
Deviation:	\$ (71,632.34)	\$ (95,234.36)	\$ (3,862.80)	\$ (13,549.12)	\$ (10.20)	\$ (3.42)	\$ (1,207.66)	\$ (245.07)	\$ (260.65)	\$ 2,918.23	\$ (105.50)	\$ (0.01)	\$ -		

# Customer Reconciliation - Steam and CW

Metro DES

CUSTOMER INFORMATION		STANDARD CHARGES												
For September 2005		CAPACITY CHARGES				PASS THROUGH CHARGES						ENERGY CHARGES		
Customer Name		Facilities Capital Charge	System Operator Charge	EDS Improvement Charge	Metro Incremental Admin. Charge	Water and Sewer Charge	Chemical Treatment Charge	Engineering Charge	Insurance Charge	EDS Electricity Charge	EDS Maintenance Costs Allocation	Electricity Charge	Natural Gas Charge	Propane Gas Charge
Ben West		\$ 15,807.44	\$ 12,635.26	\$ 572.12	\$ 2,006.70	\$ -	\$ -	\$ 224.36	\$ -	\$ 134.22	\$ -	\$ -	\$ -	\$ -
Metro Courthouse		\$ 6,551.41	\$ 5,025.53	\$ 226.50	\$ 794.46	\$ -	\$ -	\$ 88.82	\$ -	\$ 53.13	\$ -	\$ -	\$ -	\$ -
Parkway Towers		\$ 6,822.27	\$ 5,693.29	\$ 258.98	\$ 908.38	\$ 604.79	\$ 93.65	\$ 101.56	\$ -	\$ 60.76	\$ 557.00	\$ 4,943.98	\$ -	\$ -
South Trust		\$ 2,940.19	\$ 2,443.64	\$ 111.11	\$ 389.72	\$ 715.52	\$ 119.00	\$ 43.57	\$ -	\$ 26.07	\$ 200.17	\$ 3,810.45	\$ 4,235.10	\$ -
Union Planters Bank		\$ 3,475.72	\$ 2,949.62	\$ 134.41	\$ 471.44	\$ 658.76	\$ 107.77	\$ 52.71	\$ -	\$ 31.53	\$ 243.67	\$ 3,800.49	\$ 3,231.77	\$ -
Sheraton Hotel		\$ 14,395.08	\$ 11,490.99	\$ 520.23	\$ 1,824.70	\$ 2,120.22	\$ 343.40	\$ 204.01	\$ -	\$ 122.04	\$ 966.08	\$ 13,729.19	\$ 7,542.30	\$ -
Municipal Auditorium		\$ 7,223.91	\$ 6,072.16	\$ 276.42	\$ 969.56	\$ 199.07	\$ 30.82	\$ 108.40	\$ -	\$ 64.85	\$ -	\$ 1,627.37	\$ -	\$ -
Hermitage Hotel		\$ 6,953.05	\$ 5,404.38	\$ 243.94	\$ 855.64	\$ 754.17	\$ 121.35	\$ 95.66	\$ -	\$ 57.22	\$ 217.58	\$ 5,260.39	\$ 1,970.29	\$ -
Criminal Justice Center		\$ 13,799.25	\$ 10,740.96	\$ 484.91	\$ 1,700.81	\$ 2,242.36	\$ 383.82	\$ 190.16	\$ -	\$ 113.76	\$ -	\$ 9,262.33	\$ 18,849.25	\$ -
501 Building		\$ 2,741.43	\$ 2,173.69	\$ 98.34	\$ 344.91	\$ 240.02	\$ 37.17	\$ 38.56	\$ -	\$ 23.07	\$ 182.75	\$ 1,962.11	\$ -	\$ -
Sun Trust Bank		\$ 18,843.37	\$ -	\$ -	\$ -	\$ 1,776.54	\$ 275.09	\$ 136.80	\$ -	\$ -	\$ -	\$ 14,522.80	\$ -	\$ -
Sun Trust Financial Center		\$ 8,378.16	\$ 7,903.05	\$ 363.84	\$ 1,276.16	\$ 1,681.58	\$ 260.38	\$ 142.68	\$ -	\$ 85.35	\$ 617.92	\$ 13,746.48	\$ -	\$ -
Renaissance Hotel		\$ 17,268.83	\$ 13,438.74	\$ 606.69	\$ 2,127.95	\$ 2,275.41	\$ 379.88	\$ 237.91	\$ -	\$ 142.32	\$ 1,148.83	\$ 12,472.38	\$ 13,011.56	\$ -
Convention Center		\$ 21,263.58	\$ 16,965.70	\$ 768.05	\$ 2,693.91	\$ 1,116.73	\$ 173.69	\$ 301.19	\$ -	\$ 180.18	\$ -	\$ 8,961.08	\$ 358.36	\$ -
Renaissance Office Tower		\$ 2,409.83	\$ 2,273.16	\$ 104.65	\$ 367.07	\$ 414.29	\$ 64.15	\$ 41.04	\$ -	\$ 24.55	\$ 178.42	\$ 3,386.72	\$ -	\$ -
St. Mary of the Seven Sorrows		\$ 783.70	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 26.17	\$ -	\$ -	\$ -
Nashville City Center		\$ 8,032.75	\$ 7,577.22	\$ 348.84	\$ 1,223.55	\$ 2,040.17	\$ 315.90	\$ 136.80	\$ -	\$ 81.83	\$ 591.83	\$ 16,677.85	\$ -	\$ -
Wildhorse Saloon		\$ 2,405.17	\$ 2,004.91	\$ 91.20	\$ 319.86	\$ 756.34	\$ 124.02	\$ 35.76	\$ -	\$ 21.39	\$ 143.58	\$ 4,659.23	\$ 3,241.08	\$ -
Ryman Auditorium		\$ 1,955.60	\$ 1,687.37	\$ 77.02	\$ 270.15	\$ 875.90	\$ 146.44	\$ 30.20	\$ -	\$ 18.07	\$ 139.25	\$ 4,845.82	\$ 4,953.99	\$ -
Gaylord Entertainment Center		\$ 28,239.79	\$ 24,120.34	\$ 1,099.84	\$ 3,857.71	\$ 6,417.73	\$ 1,059.35	\$ 431.31	\$ -	\$ 258.02	\$ -	\$ 36,145.41	\$ 33,890.33	\$ -
Nashville Coliseum		\$ 16,065.50	\$ 15,154.43	\$ 697.67	\$ 2,447.10	\$ 1,778.91	\$ 275.45	\$ 273.60	\$ -	\$ 163.67	\$ -	\$ 14,542.15	\$ -	\$ -
Hume Fogg School		\$ 4,012.67	\$ 3,290.38	\$ 149.40	\$ 524.02	\$ 692.81	\$ 114.83	\$ 58.59	\$ -	\$ 35.05	\$ -	\$ 3,931.37	\$ 3,654.96	\$ -
Nashville Symphony		\$ 11,663.08	\$ -	\$ -	\$ -	\$ 107.79	\$ 16.69	\$ 83.93	\$ -	\$ -	\$ -	\$ 881.15	\$ -	\$ -
Nashville Public Library		\$ 5,333.33	\$ -	\$ -	\$ -	\$ 3,915.80	\$ 604.66	\$ 130.66	\$ 224.65	\$ -	\$ -	\$ 15,082.94	\$ 28,716.97	\$ -
Viridian Residential Tower		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
State Government of Tennessee		\$ 136,594.50	\$ 84,912.67	\$ -	\$ -	\$ 18,944.12	\$ 3,120.64	\$ -	\$ -	\$ 950.48	\$ -	\$ 110,850.80	\$ 92,415.94	\$ -
Grand Totals:		\$ 363,959.61	\$ 243,957.49	\$ 7,234.16	\$ 25,373.80	\$ 50,329.03	\$ 8,168.15	\$ 3,188.28	\$ 224.65	\$ 2,647.56	\$ 5,213.25	\$ 305,102.49	\$ 216,071.90	\$ -
Rate Calculation Totals:		\$ 434,716.66	\$ 337,247.68	\$ 11,096.96	\$ 38,922.92	\$ 50,347.09	\$ 8,171.86	\$ 4,351.75	\$ -	\$ 2,603.24	\$ 2,295.02	\$ 304,979.94	\$ 216,141.93	\$ -
Deviation:		\$ (70,757.05)	\$ (93,290.19)	\$ (3,862.80)	\$ (13,549.12)	\$ (18.06)	\$ (3.71)	\$ (1,163.47)	\$ 224.65	\$ 44.32	\$ 2,918.23	\$ 122.55	\$ (70.03)	\$ -

# Customer Reconciliation - Steam and CW

Metro DES

CUSTOMER INFORMATION		STANDARD CHARGES												
For October 2005		CAPACITY CHARGES				PASS THROUGH CHARGES						ENERGY CHARGES		
	Facilities Capital Charge	System Operator Charge	EDS Improvement Charge	Metro Incremental Admin. Charge	Water and Sewer Charge	Chemical Treatment Charge	Engineering Charge	Insurance Charge	EDS Electricity Charge	EDS Maintenance Costs Allocation	Electricity Charge	Natural Gas Charge	Propane Gas Charge	
Customer Name														
Ben West	\$ 15,807.44	\$ 13,009.00	\$ 572.12	\$ 2,006.70	\$ -	\$ -	\$ 190.70	\$ -	\$ 187.22	\$ -	\$ -	\$ -	\$ -	
Metro Courthouse	\$ 6,551.41	\$ 5,150.11	\$ 226.50	\$ 794.46	\$ -	\$ -	\$ 75.50	\$ -	\$ 74.12	\$ -	\$ -	\$ -	\$ -	
Parkway Towers	\$ 6,822.27	\$ 5,889.06	\$ 258.98	\$ 908.38	\$ 600.52	\$ 119.68	\$ 86.32	\$ -	\$ 84.75	\$ 557.00	\$ 4,414.75	\$ 3,939.97	\$ 0.17	
South Trust	\$ 2,940.19	\$ 2,526.57	\$ 111.11	\$ 389.72	\$ 688.86	\$ 139.90	\$ 37.03	\$ -	\$ 36.36	\$ 200.17	\$ 4,373.39	\$ 7,622.75	\$ 0.34	
Union Planters Bank	\$ 3,475.72	\$ 3,056.40	\$ 134.41	\$ 471.44	\$ 696.09	\$ 142.15	\$ 44.80	\$ -	\$ 43.99	\$ 243.67	\$ 4,214.76	\$ 8,581.39	\$ 0.38	
Sheraton Hotel	\$ 14,395.08	\$ 11,829.14	\$ 520.23	\$ 1,824.70	\$ 2,088.92	\$ 427.12	\$ 173.42	\$ -	\$ 170.24	\$ 966.08	\$ 12,505.56	\$ 26,513.43	\$ 1.17	
Municipal Auditorium	\$ 7,223.91	\$ 6,285.72	\$ 276.42	\$ 969.56	\$ 67.86	\$ 13.84	\$ 92.14	\$ -	\$ 90.45	\$ -	\$ 415.41	\$ 820.07	\$ 0.04	
Hermitage Hotel	\$ 6,953.05	\$ 5,546.76	\$ 243.94	\$ 855.64	\$ 703.30	\$ 141.42	\$ 81.31	\$ -	\$ 79.83	\$ 217.58	\$ 4,838.95	\$ 6,102.90	\$ 0.27	
Criminal Justice Center	\$ 13,799.25	\$ 11,025.71	\$ 484.91	\$ 1,700.81	\$ 1,624.57	\$ 333.86	\$ 161.63	\$ -	\$ 158.68	\$ -	\$ 9,281.28	\$ 22,616.05	\$ 1.00	
501 Building	\$ 2,741.43	\$ 2,235.98	\$ 98.34	\$ 344.91	\$ 215.31	\$ 43.07	\$ 32.78	\$ -	\$ 32.18	\$ 182.75	\$ 1,542.20	\$ 1,595.36	\$ 0.07	
Sun Trust Bank	\$ 18,843.37	\$ -	\$ -	\$ -	\$ 1,237.17	\$ 247.09	\$ 116.28	\$ -	\$ -	\$ -	\$ 8,956.11	\$ 8,741.63	\$ 0.39	
Sun Trust Financial Center	\$ 8,378.16	\$ 8,274.29	\$ 363.84	\$ 1,276.16	\$ 1,373.27	\$ 266.08	\$ 121.28	\$ -	\$ 119.06	\$ 617.92	\$ 12,101.50	\$ -	\$ -	
Renaissance Hotel	\$ 17,268.83	\$ 13,794.68	\$ 606.69	\$ 2,127.95	\$ 2,171.14	\$ 449.31	\$ 202.23	\$ -	\$ 198.54	\$ 1,148.83	\$ 11,578.34	\$ 33,933.13	\$ 1.50	
Convention Center	\$ 21,263.58	\$ 17,464.01	\$ 768.05	\$ 2,693.91	\$ 1,416.33	\$ 291.01	\$ 256.02	\$ -	\$ 251.34	\$ -	\$ 8,106.36	\$ 19,650.83	\$ 0.87	
Renaissance Office Tower	\$ 2,409.83	\$ 2,379.95	\$ 104.65	\$ 367.07	\$ 331.96	\$ 64.32	\$ 34.88	\$ -	\$ 34.25	\$ 178.42	\$ 2,925.32	\$ -	\$ -	
St. Mary of the Seven Sorrows	\$ 783.70	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 26.17	\$ -	\$ -	\$ -	
Nashville City Center	\$ 8,032.75	\$ 7,933.16	\$ 348.84	\$ 1,223.55	\$ 1,344.55	\$ 260.52	\$ 116.28	\$ -	\$ 114.16	\$ 591.83	\$ 11,848.37	\$ -	\$ -	
Wildhorse Saloon	\$ 2,405.17	\$ 2,073.61	\$ 91.20	\$ 319.86	\$ 406.48	\$ 83.67	\$ 30.40	\$ -	\$ 29.84	\$ 143.58	\$ 2,286.83	\$ 5,817.86	\$ 0.26	
Ryman Auditorium	\$ 1,955.60	\$ 1,751.44	\$ 77.02	\$ 270.15	\$ 681.57	\$ 141.13	\$ 25.67	\$ -	\$ 25.21	\$ 139.25	\$ 3,612.46	\$ 10,752.35	\$ 0.48	
Gaylord Entertainment Center	\$ 28,239.79	\$ 25,010.19	\$ 1,099.84	\$ 3,857.71	\$ 5,859.22	\$ 1,187.44	\$ 366.62	\$ -	\$ 359.92	\$ -	\$ 37,873.71	\$ 61,804.54	\$ 2.74	
Nashville Coliseum	\$ 16,065.50	\$ 15,866.32	\$ 697.67	\$ 2,447.10	\$ 1,144.72	\$ 221.80	\$ 232.56	\$ -	\$ 228.31	\$ -	\$ 10,087.50	\$ -	\$ -	
Hume Fogg School	\$ 4,012.67	\$ 3,397.16	\$ 149.40	\$ 524.02	\$ 480.59	\$ 97.94	\$ 49.80	\$ -	\$ 48.89	\$ -	\$ 2,964.77	\$ 5,706.36	\$ 0.25	
Nashville Symphony	\$ 11,663.08	\$ -	\$ -	\$ -	\$ 438.05	\$ 87.11	\$ 71.34	\$ -	\$ -	\$ -	\$ 3,271.99	\$ 2,642.05	\$ 0.12	
Nashville Public Library	\$ 5,333.33	\$ -	\$ -	\$ -	\$ 2,230.97	\$ 451.54	\$ 111.06	\$ -	\$ -	\$ -	\$ 14,575.45	\$ 22,838.24	\$ 1.01	
Viridian Residential Tower	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
State Government of Tennessee	\$ 136,594.50	\$ 84,912.67	\$ -	\$ -	\$ 14,623.02	\$ 2,965.21	\$ -	\$ -	\$ 1,325.88	\$ -	\$ 94,071.46	\$ 156,272.77	\$ 6.92	
Grand Totals:	\$ 363,959.61	\$ 249,411.93	\$ 7,234.16	\$ 25,373.80	\$ 40,424.47	\$ 8,175.21	\$ 2,710.05	\$ -	\$ 3,693.22	\$ 5,213.25	\$ 265,846.47	\$ 405,951.68	\$ 17.98	
Rate Calculation Totals:	\$ 434,716.66	\$ 337,247.68	\$ 11,096.96	\$ 38,922.92	\$ 40,448.81	\$ 8,179.86	\$ 3,698.99	\$ -	\$ 3,631.42	\$ 2,295.02	\$ 265,926.79	\$ 406,614.12	\$ 18.00	
Deviation:	\$ (70,757.05)	\$ (87,835.75)	\$ (3,862.80)	\$ (13,549.12)	\$ (24.34)	\$ (4.65)	\$ (988.94)	\$ -	\$ 61.80	\$ 2,918.23	\$ (80.32)	\$ (662.44)	\$ (0.02)	

# Customer Reconciliation - Steam and CW

Metro DES

CUSTOMER INFORMATION		STANDARD CHARGES											
For November 2005		CAPACITY CHARGES				PASS THROUGH CHARGES					ENERGY CHARGES		
Customer Name	Facilities Capital Charge	System Operator Charge	EDS Improvement Charge	Metro Incremental Admin. Charge	Water and Sewer Charge	Chemical Treatment Charge	Engineering Charge	Insurance Charge	EDS Electricity Charge	EDS Maintenance Costs Allocation	Electricity Charge	Natural Gas Charge	Propane Gas Charge
Ben West	\$ 15,710.34	\$ 13,009.00	\$ 572.12	\$ 2,006.70	\$ -	\$ -	\$ 190.70	\$ -	\$ 211.78	\$ -	\$ -	\$ -	\$ -
Metro Courthouse	\$ 6,511.17	\$ 5,150.11	\$ 226.50	\$ 794.46	\$ -	\$ -	\$ 75.50	\$ -	\$ 83.85	\$ -	\$ -	\$ -	\$ -
Parkway Towers	\$ 6,780.36	\$ 5,889.06	\$ 258.98	\$ 908.38	\$ 698.28	\$ 181.35	\$ 86.32	\$ -	\$ 95.86	\$ 557.00	\$ 4,319.48	\$ 11,762.37	\$ -
South Trust	\$ 2,922.12	\$ 2,526.57	\$ 111.11	\$ 389.72	\$ 403.10	\$ 104.19	\$ 37.03	\$ -	\$ 41.13	\$ 200.17	\$ 2,603.20	\$ 5,952.60	\$ -
Union Planters Bank	\$ 3,454.36	\$ 3,056.40	\$ 134.41	\$ 471.44	\$ 535.52	\$ 139.41	\$ 44.80	\$ -	\$ 49.75	\$ 243.67	\$ 3,238.80	\$ 9,544.85	\$ -
Sheraton Hotel	\$ 14,306.66	\$ 11,829.14	\$ 520.23	\$ 1,824.70	\$ 1,597.89	\$ 415.86	\$ 173.42	\$ -	\$ 192.57	\$ 966.08	\$ 9,691.26	\$ 28,391.44	\$ -
Municipal Auditorium	\$ 7,179.54	\$ 6,285.72	\$ 276.42	\$ 969.56	\$ 56.31	\$ 15.94	\$ 92.14	\$ -	\$ 102.32	\$ -	\$ 58.78	\$ 3,160.39	\$ -
Hermitage Hotel	\$ 6,910.34	\$ 5,546.76	\$ 243.94	\$ 855.64	\$ 760.55	\$ 198.30	\$ 81.31	\$ -	\$ 90.30	\$ 217.58	\$ 4,533.64	\$ 14,117.74	\$ -
Criminal Justice Center	\$ 13,714.49	\$ 11,025.71	\$ 484.91	\$ 1,700.81	\$ 909.17	\$ 237.23	\$ 161.63	\$ -	\$ 179.49	\$ -	\$ 5,379.91	\$ 17,179.62	\$ -
501 Building	\$ 2,724.59	\$ 2,235.98	\$ 98.34	\$ 344.91	\$ 562.04	\$ 153.95	\$ 32.78	\$ -	\$ 36.40	\$ 182.75	\$ 1,714.16	\$ 22,929.02	\$ -
Sun Trust Bank	\$ 18,843.37	\$ -	\$ -	\$ -	\$ 1,221.23	\$ 321.69	\$ 116.28	\$ -	\$ -	\$ -	\$ 6,552.60	\$ 28,222.67	\$ -
Sun Trust Financial Center	\$ 8,326.70	\$ 8,274.29	\$ 363.84	\$ 1,276.16	\$ 1,106.16	\$ 276.22	\$ 121.28	\$ -	\$ 134.68	\$ 617.92	\$ 9,282.30	\$ -	\$ -
Renaissance Hotel	\$ 17,162.76	\$ 13,794.68	\$ 606.69	\$ 2,127.95	\$ 1,631.79	\$ 427.16	\$ 202.23	\$ -	\$ 224.57	\$ 1,148.83	\$ 9,347.43	\$ 33,189.99	\$ -
Convention Center	\$ 21,132.96	\$ 17,464.01	\$ 768.05	\$ 2,693.91	\$ 1,098.74	\$ 291.99	\$ 256.02	\$ -	\$ 284.30	\$ -	\$ 5,331.74	\$ 29,696.31	\$ -
Renaissance Office Tower	\$ 2,395.02	\$ 2,379.95	\$ 104.65	\$ 367.07	\$ 296.83	\$ 74.12	\$ 34.88	\$ -	\$ 38.74	\$ 178.42	\$ 2,490.86	\$ -	\$ -
St. Mary of the Seven Sorrows	\$ 783.70	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 26.17	\$ -	\$ -	\$ -
Nashville City Center	\$ 7,983.41	\$ 7,933.16	\$ 348.84	\$ 1,223.55	\$ 1,081.22	\$ 269.99	\$ 116.28	\$ -	\$ 129.13	\$ 591.83	\$ 9,072.96	\$ -	\$ -
Wildhorse Saloon	\$ 2,390.40	\$ 2,073.61	\$ 91.20	\$ 319.86	\$ 386.81	\$ 99.64	\$ 30.40	\$ -	\$ 33.75	\$ 143.58	\$ 2,572.69	\$ 5,141.63	\$ -
Ryman Auditorium	\$ 1,943.58	\$ 1,751.44	\$ 77.02	\$ 270.15	\$ 589.15	\$ 152.07	\$ 25.67	\$ -	\$ 28.51	\$ 139.25	\$ 3,852.58	\$ 8,334.56	\$ -
Gaylord Entertainment Center	\$ 28,066.31	\$ 25,010.19	\$ 1,099.84	\$ 3,857.71	\$ 5,280.12	\$ 1,359.66	\$ 366.62	\$ -	\$ 407.12	\$ -	\$ 35,224.55	\$ 69,373.73	\$ -
Nashville Coliseum	\$ 15,966.82	\$ 15,866.32	\$ 697.67	\$ 2,447.10	\$ 629.00	\$ 157.07	\$ 232.56	\$ -	\$ 258.26	\$ -	\$ 5,278.24	\$ -	\$ -
Hume Fogg School	\$ 3,988.01	\$ 3,397.16	\$ 149.40	\$ 524.02	\$ 364.51	\$ 95.41	\$ 49.80	\$ -	\$ 55.30	\$ -	\$ 2,091.64	\$ 7,386.68	\$ -
Nashville Symphony	\$ 11,663.08	\$ -	\$ -	\$ -	\$ 881.94	\$ 232.80	\$ 71.34	\$ -	\$ -	\$ -	\$ 4,626.85	\$ 21,185.70	\$ -
Nashville Public Library	\$ 5,333.33	\$ -	\$ -	\$ -	\$ 1,929.75	\$ 495.69	\$ 111.06	\$ -	\$ -	\$ -	\$ 13,146.86	\$ 23,268.06	\$ -
Viridian Residential Tower	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
State Government of Tennessee	\$ 136,594.50	\$ 84,912.67	\$ -	\$ -	\$ 13,738.33	\$ 3,566.92	\$ -	\$ -	\$ 1,499.77	\$ -	\$ 85,202.68	\$ 229,750.38	\$ -
<b>Grand Totals:</b>	\$ 362,787.92	\$ 249,411.93	\$ 7,234.16	\$ 25,373.80	\$ 35,758.44	\$ 9,266.66	\$ 2,710.05	\$ -	\$ 4,177.58	\$ 5,213.25	\$ 225,613.21	\$ 568,587.74	\$ -
<b>Rate Calculation Totals:</b>	\$ 432,885.40	\$ 337,247.68	\$ 11,096.96	\$ 38,922.92	\$ 35,782.99	\$ 9,272.22	\$ 3,698.99	\$ -	\$ 4,107.77	\$ 2,295.02	\$ 225,654.62	\$ 569,821.32	\$ -
<b>Deviation:</b>	\$ (70,097.48)	\$ (87,835.75)	\$ (3,862.80)	\$ (13,549.12)	\$ (24.55)	\$ (5.56)	\$ (988.94)	\$ -	\$ 69.81	\$ 2,918.23	\$ (41.41)	\$ (1,233.58)	\$ -



# Customer Reconciliation - Steam and CW

Metro DES

CUSTOMER INFORMATION		STANDARD CHARGES												
For December 2005		CAPACITY CHARGES				PASS THROUGH CHARGES						ENERGY CHARGES		
Customer Name	Facilities Capital Charge	System Operator Charge	EDS Improvement Charge	Metro Incremental Admin. Charge	Water and Sewer Charge	Chemical Treatment Charge	Engineering Charge	Insurance Charge	EDS Electricity Charge	EDS Maintenance Costs Allocation	Electricity Charge	Natural Gas Charge	Propane Gas Charge	
A. A. Birch	\$ 15,699.50	\$ 13,009.01	\$ 572.11	\$ 2,006.70	\$ -	\$ -	\$ 190.70	\$ -	\$ 207.17	\$ -	\$ -	\$ -	\$ -	
Metro Courthouse	\$ 6,506.69	\$ 5,150.11	\$ 226.50	\$ 794.46	\$ -	\$ -	\$ 75.50	\$ -	\$ 82.02	\$ -	\$ -	\$ -	\$ -	
Parkway Towers	\$ 6,775.69	\$ 5,889.06	\$ 258.98	\$ 908.38	\$ 1,121.40	\$ 267.35	\$ 86.32	\$ -	\$ 93.78	\$ 557.00	\$ 6,488.59	\$ 23,526.61	\$ -	
South Trust	\$ 2,920.11	\$ 2,526.57	\$ 111.11	\$ 389.72	\$ 449.38	\$ 107.09	\$ 37.03	\$ -	\$ 40.23	\$ 200.17	\$ 2,612.09	\$ 9,252.87	\$ -	
Regions Bank	\$ 3,451.98	\$ 3,056.40	\$ 134.41	\$ 471.44	\$ 250.51	\$ 61.28	\$ 44.80	\$ -	\$ 48.67	\$ 243.67	\$ 1,046.47	\$ 11,178.58	\$ -	
Sheraton Hotel	\$ 14,296.80	\$ 11,829.14	\$ 520.22	\$ 1,824.70	\$ 1,465.54	\$ 352.52	\$ 173.42	\$ -	\$ 188.39	\$ 966.08	\$ 7,671.73	\$ 42,621.39	\$ -	
Municipal Auditorium	\$ 7,174.58	\$ 6,285.72	\$ 276.42	\$ 969.56	\$ 140.00	\$ 35.72	\$ 92.14	\$ -	\$ 100.09	\$ -	\$ 202.94	\$ 11,859.65	\$ -	
Hermitage Hotel	\$ 6,905.58	\$ 5,546.76	\$ 243.94	\$ 855.64	\$ 732.25	\$ 174.70	\$ 81.31	\$ -	\$ 88.34	\$ 217.58	\$ 4,202.11	\$ 15,873.91	\$ -	
Criminal Justice Center	\$ 13,705.02	\$ 11,025.72	\$ 484.90	\$ 1,700.81	\$ 1,443.99	\$ 343.57	\$ 161.63	\$ -	\$ 175.59	\$ -	\$ 8,529.63	\$ 27,729.20	\$ -	
501 Building	\$ 2,722.71	\$ 2,235.98	\$ 98.34	\$ 344.91	\$ 140.99	\$ 33.95	\$ 32.78	\$ -	\$ 35.61	\$ 182.74	\$ 727.71	\$ 4,251.82	\$ -	
Sun Trust Bank	\$ 18,843.37	\$ -	\$ -	\$ -	\$ 1,504.93	\$ 361.98	\$ 116.28	\$ -	\$ -	\$ -	\$ 7,881.08	\$ 43,721.48	\$ -	
Sun Trust Financial Center	\$ 8,320.96	\$ 8,274.29	\$ 363.84	\$ 1,276.16	\$ 1,199.31	\$ 279.29	\$ 121.28	\$ -	\$ 131.75	\$ 617.92	\$ 8,651.48	\$ -	\$ -	
Renaissance Hotel	\$ 17,150.92	\$ 13,794.69	\$ 606.69	\$ 2,127.95	\$ 1,140.99	\$ 275.00	\$ 202.23	\$ -	\$ 219.69	\$ 1,148.83	\$ 5,831.02	\$ 35,266.59	\$ -	
Convention Center	\$ 21,118.40	\$ 17,464.02	\$ 768.04	\$ 2,693.91	\$ 840.50	\$ 207.33	\$ 256.01	\$ -	\$ 278.12	\$ -	\$ 3,067.13	\$ 44,029.40	\$ -	
Renaissance Office Tower	\$ 2,034.37	\$ 2,022.96	\$ 88.95	\$ 312.01	\$ 304.16	\$ 70.83	\$ 29.65	\$ -	\$ 32.21	\$ 178.42	\$ 2,194.10	\$ -	\$ -	
St. Mary of the Seven Sorrows	\$ 783.70	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 26.17	\$ -	\$ -	\$ -	
Nashville City Center	\$ 7,977.91	\$ 7,933.16	\$ 348.84	\$ 1,223.55	\$ 1,001.73	\$ 233.28	\$ 116.28	\$ -	\$ 126.32	\$ 591.83	\$ 7,226.17	\$ -	\$ -	
Wildhorse Saloon	\$ 2,388.75	\$ 2,073.61	\$ 91.19	\$ 319.86	\$ 390.23	\$ 94.70	\$ 30.40	\$ -	\$ 33.02	\$ 143.58	\$ 1,826.18	\$ 14,531.16	\$ -	
Ryman Auditorium	\$ 1,942.24	\$ 1,751.44	\$ 77.02	\$ 270.15	\$ 430.69	\$ 102.70	\$ 25.67	\$ -	\$ 27.89	\$ 139.26	\$ 2,486.75	\$ 9,113.11	\$ -	
Gaylord Entertainment Center	\$ 28,046.96	\$ 25,010.18	\$ 1,099.84	\$ 3,857.70	\$ 4,645.69	\$ 1,101.30	\$ 366.62	\$ -	\$ 398.28	\$ -	\$ 28,492.24	\$ 73,779.73	\$ -	
Nashville Coliseum	\$ 15,955.81	\$ 15,866.32	\$ 697.67	\$ 2,447.10	\$ 55.85	\$ 13.01	\$ 232.56	\$ -	\$ 252.64	\$ -	\$ 402.85	\$ -	\$ -	
Hume Fogg School	\$ 3,985.26	\$ 3,397.16	\$ 149.40	\$ 524.02	\$ 390.29	\$ 94.29	\$ 49.80	\$ -	\$ 54.10	\$ -	\$ 1,939.74	\$ 12,869.84	\$ -	
Nashville Symphony	\$ 11,663.08	\$ -	\$ -	\$ -	\$ 1,171.67	\$ 280.58	\$ 71.34	\$ -	\$ -	\$ -	\$ 6,455.69	\$ 29,339.25	\$ -	
Nashville Public Library	\$ 5,333.33	\$ -	\$ -	\$ -	\$ 1,815.80	\$ 430.44	\$ 111.06	\$ -	\$ -	\$ -	\$ 11,138.62	\$ 28,804.67	\$ -	
Viridian Residential Tower	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
State Government of	\$ 136,594.49	\$ 84,912.69	\$ -	\$ -	\$ 16,461.29	\$ 3,951.49	\$ -	\$ -	\$ 1,467.19	\$ -	\$ 88,254.97	\$ 448,107.10	\$ -	
Grand Totals:	\$ 362,298.21	\$ 249,054.99	\$ 7,218.41	\$ 25,318.73	\$ 37,097.19	\$ 8,872.40	\$ 2,704.81	\$ -	\$ 4,081.10	\$ 5,213.25	\$ 207,329.29	\$ 885,856.36	\$ -	
Rate Calculation Totals:	\$ 432,681.16	\$ 337,247.68	\$ 11,096.96	\$ 38,922.92	\$ 37,118.62	\$ 8,878.24	\$ 3,698.99	\$ -	\$ 4,018.49	\$ 2,295.02	\$ 207,375.14	\$ 887,453.04	\$ -	
Deviation:	\$ (70,382.95)	\$ (88,192.69)	\$ (3,878.55)	\$ (13,604.19)	\$ (21.43)	\$ (5.84)	\$ (994.18)	\$ -	\$ 62.61	\$ 2,918.23	\$ (45.85)	\$ (1,596.68)	\$ -	

# Customer Reconciliation - Steam and CW

Metro DES

CUSTOMER INFORMATION		STANDARD CHARGES												
For January 2006		CAPACITY CHARGES				PASS THROUGH CHARGES					ENERGY CHARGES			
	Facilities Capital Charge	System Operator Charge	EDS Improvement Charge	Metro Incremental Admin. Charge	Water and Sewer Charge	Chemical Treatment Charge	Engineering Charge	Insurance Charge	EDS Electricity Charge	EDS Maintenance Costs Allocation	Electricity Charge	Natural Gas Charge	Propane Gas Charge	
Customer Name														
A. A. Birch	\$ 15,699.50	\$ 13,063.68	\$ 572.11	\$ 2,006.70	\$ 538.71	\$ 123.29	\$ 190.70	\$ -	\$ 216.24	\$ -	\$ 535.78	\$ 36,387.60	\$ -	
Metro Courthouse	\$ 6,506.69	\$ 5,171.75	\$ 226.50	\$ 794.46	\$ -	\$ -	\$ 75.50	\$ -	\$ 85.62	\$ -	\$ -	\$ -	\$ -	
Parkway Towers	\$ 6,775.69	\$ 5,913.81	\$ 258.98	\$ 908.38	\$ 1,022.33	\$ 221.81	\$ 86.32	\$ -	\$ 97.89	\$ 557.00	\$ 6,256.69	\$ 15,375.66	\$ -	
South Trust	\$ 2,920.11	\$ 2,537.18	\$ 111.11	\$ 389.72	\$ 584.85	\$ 126.93	\$ 37.03	\$ -	\$ 42.00	\$ 200.17	\$ 3,564.25	\$ 8,950.64	\$ -	
Regions Bank	\$ 3,451.98	\$ 3,069.24	\$ 134.41	\$ 471.44	\$ 505.52	\$ 109.70	\$ 44.80	\$ -	\$ 50.81	\$ 243.67	\$ 3,082.52	\$ 7,718.58	\$ -	
Sheraton Hotel	\$ 14,296.80	\$ 11,878.86	\$ 520.22	\$ 1,824.70	\$ 1,676.58	\$ 365.70	\$ 173.42	\$ -	\$ 196.64	\$ 966.08	\$ 9,426.79	\$ 33,758.39	\$ -	
Municipal Auditorium	\$ 7,174.58	\$ 6,312.14	\$ 276.42	\$ 969.56	\$ 117.33	\$ 26.84	\$ 92.14	\$ -	\$ 104.48	\$ -	\$ 118.94	\$ 7,901.95	\$ -	
Hermitage Hotel	\$ 6,905.58	\$ 5,570.08	\$ 243.94	\$ 855.64	\$ 703.92	\$ 153.38	\$ 81.31	\$ -	\$ 92.21	\$ 217.58	\$ 4,027.33	\$ 13,462.54	\$ -	
Criminal Justice Center	\$ 13,705.02	\$ 11,072.06	\$ 484.90	\$ 1,700.81	\$ 1,363.62	\$ 296.27	\$ 161.63	\$ -	\$ 183.28	\$ -	\$ 8,166.71	\$ 22,339.16	\$ -	
501 Building	\$ 2,722.71	\$ 2,245.38	\$ 98.34	\$ 344.91	\$ 119.48	\$ 26.83	\$ 32.78	\$ -	\$ 37.17	\$ 182.74	\$ 340.89	\$ 5,795.39	\$ -	
Sun Trust Bank	\$ 18,843.37	\$ -	\$ -	\$ -	\$ 1,183.57	\$ 258.75	\$ 116.28	\$ -	\$ -	\$ -	\$ 6,399.83	\$ 26,443.75	\$ -	
Sun Trust Financial Center	\$ 8,320.96	\$ 8,309.06	\$ 363.84	\$ 1,276.16	\$ 1,413.53	\$ 301.87	\$ 121.28	\$ -	\$ 137.52	\$ 617.92	\$ 10,726.16	\$ -	\$ -	
Renaissance Hotel	\$ 17,150.92	\$ 13,852.67	\$ 606.69	\$ 2,127.95	\$ 1,559.30	\$ 340.33	\$ 202.23	\$ -	\$ 229.31	\$ 1,148.83	\$ 8,675.15	\$ 32,341.85	\$ -	
Convention Center	\$ 21,118.40	\$ 17,537.40	\$ 768.04	\$ 2,693.91	\$ 584.11	\$ 133.69	\$ 256.01	\$ -	\$ 290.30	\$ -	\$ 580.93	\$ 39,454.37	\$ -	
Renaissance Office Tower	\$ 2,034.37	\$ 2,031.46	\$ 88.95	\$ 312.01	\$ 345.04	\$ 73.69	\$ 29.65	\$ -	\$ 33.62	\$ 178.42	\$ 2,618.26	\$ -	\$ -	
St. Mary of the Seven Sorrows	\$ 783.70	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 26.17	\$ -	\$ -	\$ -	
Nashville City Center	\$ 7,977.91	\$ 7,966.50	\$ 348.84	\$ 1,223.55	\$ 990.48	\$ 211.52	\$ 116.28	\$ -	\$ 131.85	\$ 591.83	\$ 7,515.95	\$ -	\$ -	
Wildhorse Saloon	\$ 2,388.75	\$ 2,082.32	\$ 91.19	\$ 319.86	\$ 467.03	\$ 103.11	\$ 30.40	\$ -	\$ 34.47	\$ 143.58	\$ 2,091.35	\$ 14,879.99	\$ -	
Ryman Auditorium	\$ 1,942.24	\$ 1,758.80	\$ 77.02	\$ 270.15	\$ 443.61	\$ 96.40	\$ 25.67	\$ -	\$ 29.11	\$ 139.26	\$ 2,647.94	\$ 7,357.87	\$ -	
Gaylord Entertainment Center	\$ 28,046.96	\$ 25,115.28	\$ 1,099.84	\$ 3,857.70	\$ 5,751.40	\$ 1,243.56	\$ 366.62	\$ -	\$ 415.72	\$ -	\$ 37,045.37	\$ 67,583.72	\$ -	
Nashville Coliseum	\$ 15,955.81	\$ 15,932.99	\$ 697.67	\$ 2,447.10	\$ 218.73	\$ 46.71	\$ 232.56	\$ -	\$ 263.70	\$ -	\$ 1,659.79	\$ -	\$ -	
Hume Fogg School	\$ 3,985.26	\$ 3,411.44	\$ 149.40	\$ 524.02	\$ 348.02	\$ 76.25	\$ 49.80	\$ -	\$ 56.47	\$ -	\$ 1,812.66	\$ 8,484.06	\$ -	
Nashville Symphony	\$ 11,663.08	\$ -	\$ -	\$ -	\$ 1,359.41	\$ 295.76	\$ 71.34	\$ -	\$ -	\$ -	\$ 7,966.27	\$ 24,064.87	\$ -	
Nashville Public Library	\$ 5,333.33	\$ -	\$ -	\$ -	\$ 1,954.69	\$ 421.06	\$ 111.06	\$ -	\$ -	\$ -	\$ 13,271.15	\$ 15,994.96	\$ -	
Viridian Residential Tower	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
State Government of	\$ 136,594.49	\$ 84,912.69	\$ -	\$ -	\$ 15,009.58	\$ 3,284.46	\$ -	\$ -	\$ 1,531.44	\$ -	\$ 79,841.50	\$ 348,851.57	\$ -	
Grand Totals:	\$ 362,298.21	\$ 249,744.79	\$ 7,218.41	\$ 25,318.73	\$ 38,260.84	\$ 8,337.91	\$ 2,704.81	\$ -	\$ 4,259.85	\$ 5,213.25	\$ 218,372.21	\$ 737,146.92	\$ -	
Rate Calculation Totals:	\$ 432,681.16	\$ 337,247.68	\$ 11,096.96	\$ 38,922.92	\$ 38,288.29	\$ 8,878.24	\$ 3,698.99	\$ -	\$ 4,194.40	\$ 2,295.02	\$ 222,413.07	\$ 887,453.04	\$ -	
Deviation:	\$ (70,382.95)	\$ (87,502.89)	\$ (3,878.55)	\$ (13,604.19)	\$ (27.45)	\$ (540.33)	\$ (994.18)	\$ -	\$ 65.45	\$ 2,918.23	\$ (4,040.86)	\$ (150,306.12)	\$ -	

# Customer Reconciliation - Steam and CW

Metro DES

CUSTOMER INFORMATION		STANDARD CHARGES											
For February 2006		CAPACITY CHARGES				PASS THROUGH CHARGES					ENERGY CHARGES		
Customer Name	Facilities Capital Charge	System Operator Charge	EDS Improvement Charge	Metro Incremental Admin. Charge	Water and Sewer Charge	Chemical Treatment Charge	Engineering Charge	Insurance Charge	EDS Electricity Charge	EDS Maintenance Costs Allocation	Electricity Charge	Natural Gas Charge	Propane Gas Charge
A. A. Birch	\$ 15,699.50	\$ 13,063.68	\$ 572.11	\$ 2,006.70	\$ 497.54	\$ 140.41	\$ 190.70	\$ -	\$ 201.65	\$ -	\$ 1,871.24	\$ 19,408.44	\$ -
Metro Courthouse	\$ 6,506.69	\$ 5,171.75	\$ 226.50	\$ 794.46	\$ -	\$ -	\$ 75.50	\$ -	\$ 79.83	\$ -	\$ -	\$ -	\$ -
Parkway Towers	\$ 6,775.69	\$ 5,913.81	\$ 258.98	\$ 908.38	\$ 687.45	\$ 189.88	\$ 86.32	\$ -	\$ 91.28	\$ 557.00	\$ 3,993.21	\$ 13,073.34	\$ -
South Trust	\$ 2,920.11	\$ 2,537.18	\$ 111.11	\$ 389.72	\$ 446.38	\$ 122.83	\$ 37.03	\$ -	\$ 39.16	\$ 200.17	\$ 2,744.72	\$ 7,037.50	\$ -
Regions Bank	\$ 3,451.98	\$ 3,069.24	\$ 134.41	\$ 471.44	\$ 313.57	\$ 87.14	\$ 44.80	\$ -	\$ 47.37	\$ 243.67	\$ 1,644.24	\$ 7,667.04	\$ -
Sheraton Hotel	\$ 14,296.80	\$ 11,878.86	\$ 520.22	\$ 1,824.70	\$ 1,697.96	\$ 471.72	\$ 173.42	\$ -	\$ 183.35	\$ 966.08	\$ 8,920.94	\$ 41,539.31	\$ -
Municipal Auditorium	\$ 7,174.58	\$ 6,312.14	\$ 276.42	\$ 969.56	\$ 135.07	\$ 39.13	\$ 92.14	\$ -	\$ 97.43	\$ -	\$ 167.11	\$ 8,556.95	\$ -
Hermitage Hotel	\$ 6,905.58	\$ 5,570.08	\$ 243.94	\$ 855.64	\$ 595.75	\$ 164.32	\$ 81.31	\$ -	\$ 85.98	\$ 217.58	\$ 3,530.61	\$ 10,690.93	\$ -
Criminal Justice Center	\$ 13,705.02	\$ 11,072.06	\$ 484.90	\$ 1,700.81	\$ 1,062.38	\$ 293.25	\$ 161.63	\$ -	\$ 170.91	\$ -	\$ 6,229.16	\$ 19,683.45	\$ -
501 Building	\$ 2,722.71	\$ 2,245.38	\$ 98.34	\$ 344.91	\$ 360.57	\$ 85.28	\$ 32.78	\$ -	\$ 34.66	\$ 182.74	\$ 2,141.99	\$ 5,909.02	\$ -
Sun Trust Bank	\$ 18,843.37	\$ -	\$ -	\$ -	\$ 1,029.91	\$ 286.31	\$ 116.28	\$ -	\$ -	\$ -	\$ 5,352.94	\$ 25,741.01	\$ -
Sun Trust Financial Center	\$ 8,320.96	\$ 8,309.06	\$ 363.84	\$ 1,276.16	\$ 1,273.08	\$ 344.14	\$ 121.28	\$ -	\$ 128.23	\$ 617.92	\$ 9,905.98	\$ -	\$ -
Renaissance Hotel	\$ 17,150.92	\$ 13,852.67	\$ 606.69	\$ 2,127.95	\$ 1,378.82	\$ 381.80	\$ 202.23	\$ -	\$ 213.83	\$ 1,148.83	\$ 7,671.68	\$ 29,583.19	\$ -
Convention Center	\$ 21,118.40	\$ 17,537.40	\$ 768.04	\$ 2,693.91	\$ 1,125.73	\$ 304.66	\$ 256.01	\$ -	\$ 270.70	\$ -	\$ 5,553.57	\$ 30,816.41	\$ -
Renaissance Office Tower	\$ 2,034.37	\$ 2,031.46	\$ 88.95	\$ 312.01	\$ 310.13	\$ 83.83	\$ 29.65	\$ -	\$ 31.35	\$ 178.42	\$ 2,413.12	\$ -	\$ -
St. Mary of the Seven Sorrows	\$ 783.70	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 26.17	\$ -	\$ -	\$ -
Nashville City Center	\$ 7,977.91	\$ 7,966.50	\$ 348.84	\$ 1,223.55	\$ 931.84	\$ 251.89	\$ 116.28	\$ -	\$ 122.95	\$ 591.83	\$ 7,251.70	\$ -	\$ -
Wildhorse Saloon	\$ 2,388.75	\$ 2,082.32	\$ 91.19	\$ 319.86	\$ 280.77	\$ 77.59	\$ 30.40	\$ -	\$ 32.14	\$ 143.58	\$ 1,615.46	\$ 5,504.93	\$ -
Ryman Auditorium	\$ 1,942.24	\$ 1,758.80	\$ 77.02	\$ 270.15	\$ 411.27	\$ 113.52	\$ 25.67	\$ -	\$ 27.15	\$ 139.26	\$ 2,411.39	\$ 7,633.68	\$ -
Gaylord Entertainment Center	\$ 28,046.96	\$ 25,115.28	\$ 1,099.84	\$ 3,857.70	\$ 4,690.88	\$ 1,287.11	\$ 366.62	\$ -	\$ 387.64	\$ -	\$ 30,089.31	\$ 61,935.92	\$ -
Nashville Coliseum	\$ 15,955.81	\$ 15,932.99	\$ 697.67	\$ 2,447.10	\$ 124.13	\$ 33.57	\$ 232.56	\$ -	\$ 245.90	\$ -	\$ 964.08	\$ -	\$ -
Hume Fogg School	\$ 3,985.26	\$ 3,411.44	\$ 149.40	\$ 524.02	\$ 322.35	\$ 89.69	\$ 49.80	\$ -	\$ 52.65	\$ -	\$ 1,649.84	\$ 8,308.39	\$ -
Nashville Symphony	\$ 11,663.08	\$ -	\$ -	\$ -	\$ 753.56	\$ 208.90	\$ 71.34	\$ -	\$ -	\$ -	\$ 4,125.27	\$ 16,733.91	\$ -
Nashville Public Library	\$ 5,333.33	\$ -	\$ -	\$ -	\$ 1,946.99	\$ 532.82	\$ 111.06	\$ -	\$ -	\$ -	\$ 12,954.89	\$ 21,263.93	\$ -
Viridian Residential Tower	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
State Government of Tennessee	\$ 136,594.50	\$ 84,912.69	\$ -	\$ -	\$ 13,645.99	\$ 3,767.96	\$ -	\$ -	\$ 1,428.00	\$ -	\$ 78,086.27	\$ 271,940.94	\$ -
Grand Totals:	\$ 362,298.22	\$ 249,744.79	\$ 7,218.41	\$ 25,318.73	\$ 34,022.12	\$ 9,357.75	\$ 2,704.81	\$ -	\$ 3,972.16	\$ 5,213.25	\$ 201,288.72	\$ 613,028.29	\$ -
Rate Calculation Totals:	\$ 432,681.16	\$ 337,247.68	\$ 11,096.96	\$ 38,922.92	\$ 33,955.16	\$ 9,363.94	\$ 3,698.99	\$ -	\$ 3,911.14	\$ 2,295.02	\$ 201,333.77	\$ 614,276.91	\$ -
Deviation:	\$ (70,382.94)	\$ (87,502.89)	\$ (3,878.55)	\$ (13,604.19)	\$ 66.96	\$ (6.19)	\$ (994.18)	\$ -	\$ 61.02	\$ 2,918.23	\$ (45.05)	\$ (1,248.62)	\$ -

# Customer Reconciliation - Steam and CW

Metro DES

CUSTOMER INFORMATION		STANDARD CHARGES											
For March 2006		CAPACITY CHARGES				PASS THROUGH CHARGES					ENERGY CHARGES		
Customer Name	Facilities Capital Charge	System Operator Charge	EDS Improvement Charge	Metro Incremental Admin. Charge	Water and Sewer Charge	Chemical Treatment Charge	Engineering Charge	Insurance Charge	EDS Electricity Charge	EDS Maintenance Costs Allocation	Electricity Charge	Natural Gas Charge	Propane Gas Charge
A. A. Birch	\$ 15,699.50	\$ 13,063.68	\$ 572.11	\$ 2,006.70	\$ 1,443.76	\$ 341.44	\$ 190.70	\$ -	\$ 199.64	\$ -	\$ 8,579.41	\$ 18,874.04	\$ 231.54
Metro Courthouse	\$ 6,506.69	\$ 5,171.75	\$ 226.50	\$ 794.46	\$ -	\$ -	\$ 75.50	\$ -	\$ 79.04	\$ -	\$ -	\$ -	\$ -
Parkway Towers	\$ 6,775.69	\$ 5,913.81	\$ 258.98	\$ 908.38	\$ 799.65	\$ 188.57	\$ 86.32	\$ -	\$ 90.37	\$ 557.00	\$ 4,916.93	\$ 9,361.04	\$ 114.84
South Trust	\$ 2,920.11	\$ 2,537.18	\$ 111.11	\$ 389.72	\$ 451.21	\$ 106.08	\$ 37.03	\$ -	\$ 38.77	\$ 200.17	\$ 2,875.49	\$ 4,612.92	\$ 56.59
Regions Bank	\$ 3,451.98	\$ 3,069.24	\$ 134.41	\$ 471.44	\$ 453.29	\$ 107.06	\$ 44.80	\$ -	\$ 46.90	\$ 243.67	\$ 2,737.13	\$ 5,638.06	\$ 69.16
Sheraton Hotel	\$ 14,296.80	\$ 11,878.86	\$ 520.22	\$ 1,824.70	\$ 1,734.49	\$ 413.20	\$ 173.42	\$ -	\$ 181.54	\$ 966.08	\$ 9,390.40	\$ 28,741.00	\$ 352.58
Municipal Auditorium	\$ 7,174.58	\$ 6,312.14	\$ 276.42	\$ 969.56	\$ 101.07	\$ 24.76	\$ 92.14	\$ -	\$ 96.46	\$ -	\$ 338.31	\$ 3,056.91	\$ 37.50
Hermitage Hotel	\$ 6,905.58	\$ 5,570.08	\$ 243.94	\$ 855.64	\$ 622.91	\$ 146.98	\$ 81.31	\$ -	\$ 85.13	\$ 217.58	\$ 3,803.51	\$ 7,468.28	\$ 91.62
Criminal Justice Center	\$ 13,705.02	\$ 11,072.06	\$ 484.90	\$ 1,700.81	\$ 1,032.36	\$ 243.93	\$ 161.63	\$ -	\$ 169.21	\$ -	\$ 6,200.49	\$ 13,060.40	\$ 160.22
501 Union Association	\$ 2,722.71	\$ 2,245.38	\$ 98.34	\$ 344.91	\$ 148.45	\$ 34.93	\$ 32.78	\$ -	\$ 34.31	\$ 182.74	\$ 938.15	\$ 1,570.26	\$ 19.26
Sun Trust Bank	\$ 18,843.37	\$ -	\$ -	\$ -	\$ 1,339.66	\$ 317.45	\$ 115.14	\$ -	\$ -	\$ -	\$ 7,770.82	\$ 18,770.19	\$ 230.26
Sun Trust Financial Center	\$ 8,320.96	\$ 8,309.06	\$ 363.84	\$ 1,276.16	\$ 1,360.02	\$ 312.85	\$ 121.28	\$ -	\$ 126.96	\$ 617.92	\$ 10,768.27	\$ -	\$ -
Renaissance Hotel	\$ 17,150.92	\$ 13,852.67	\$ 606.69	\$ 2,127.95	\$ 1,338.68	\$ 318.40	\$ 202.23	\$ -	\$ 211.71	\$ 1,148.83	\$ 7,402.91	\$ 21,153.69	\$ 259.50
Convention Center	\$ 21,118.40	\$ 17,537.40	\$ 768.04	\$ 2,693.91	\$ 1,760.13	\$ 417.64	\$ 256.01	\$ -	\$ 268.01	\$ -	\$ 10,037.52	\$ 25,801.34	\$ 316.52
Renaissance Office Tower	\$ 2,034.37	\$ 2,031.46	\$ 88.95	\$ 312.01	\$ 323.07	\$ 74.32	\$ 29.65	\$ -	\$ 31.04	\$ 178.42	\$ 2,557.98	\$ -	\$ -
St. Mary of the Seven Sorrows	\$ 783.70	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 26.17	\$ -	\$ -	\$ -
Nashville City Center	\$ 7,977.91	\$ 7,966.50	\$ 348.84	\$ 1,223.55	\$ 1,151.57	\$ 264.90	\$ 116.28	\$ -	\$ 121.73	\$ 591.83	\$ 9,117.77	\$ -	\$ -
Wildhorse Saloon	\$ 2,388.75	\$ 2,082.32	\$ 91.19	\$ 319.86	\$ 385.37	\$ 90.66	\$ 30.40	\$ -	\$ 31.82	\$ 143.58	\$ 2,437.29	\$ 4,063.56	\$ 49.85
Ryman Auditorium	\$ 1,942.24	\$ 1,758.80	\$ 77.02	\$ 270.15	\$ 526.88	\$ 124.26	\$ 25.67	\$ -	\$ 26.88	\$ 139.26	\$ 3,237.31	\$ 6,183.65	\$ 75.86
Gaylord Entertainment Center	\$ 28,046.96	\$ 25,115.28	\$ 1,099.84	\$ 3,857.70	\$ 5,607.04	\$ 1,314.85	\$ 366.62	\$ -	\$ 383.80	\$ -	\$ 36,735.54	\$ 50,689.96	\$ 621.84
Nashville Coliseum	\$ 15,955.81	\$ 15,932.99	\$ 697.67	\$ 2,447.10	\$ 349.86	\$ 80.48	\$ 232.56	\$ -	\$ 243.45	\$ -	\$ 2,770.09	\$ -	\$ -
Hume Fogg School	\$ 3,985.26	\$ 3,411.44	\$ 149.40	\$ 524.02	\$ 336.42	\$ 80.01	\$ 49.80	\$ -	\$ 52.14	\$ -	\$ 1,862.45	\$ 5,302.03	\$ 65.04
Nashville Symphony	\$ 11,663.08	\$ -	\$ -	\$ -	\$ 557.38	\$ 134.01	\$ 70.60	\$ -	\$ -	\$ -	\$ 2,641.07	\$ 11,728.10	\$ 143.87
Nashville Public Library	\$ 5,333.33	\$ -	\$ -	\$ -	\$ 2,038.51	\$ 477.84	\$ 110.02	\$ -	\$ -	\$ -	\$ 13,415.86	\$ 18,030.71	\$ 221.19
Viridian Residential Tower	\$ 3,709.67	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20.70	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
State Government of Tennessee	\$ 136,594.49	\$ 84,912.69	\$ -	\$ -	\$ 14,699.15	\$ 3,507.48	\$ -	\$ -	\$ 1,413.85	\$ -	\$ 77,814.72	\$ 255,249.42	\$ 3,131.26
<b>Grand Totals:</b>	\$ 366,007.88	\$ 249,744.79	\$ 7,218.41	\$ 25,318.73	\$ 38,560.93	\$ 9,122.10	\$ 2,722.59	\$ -	\$ 3,932.76	\$ 5,213.25	\$ 228,349.42	\$ 509,355.56	\$ 6,248.50
<b>Rate Calculation Totals:</b>	\$ 432,681.16	\$ 337,247.68	\$ 11,096.96	\$ 38,922.92	\$ 38,580.90	\$ 9,125.90	\$ 3,698.99	\$ -	\$ 3,872.28	\$ 2,295.02	\$ 228,390.94	\$ 510,127.72	\$ 6,258.00
<b>Deviation:</b>	\$ (66,673.28)	\$ (87,502.89)	\$ (3,878.55)	\$ (13,604.19)	\$ (19.97)	\$ (3.80)	\$ (976.40)	\$ -	\$ 60.48	\$ 2,918.23	\$ (41.52)	\$ (772.16)	\$ (9.50)

# Customer Reconciliation - Steam and CW

Metro DES

CUSTOMER INFORMATION		STANDARD CHARGES												
For April 2006		CAPACITY CHARGES				PASS THROUGH CHARGES						ENERGY CHARGES		
	Facilities Capital Charge	System Operator Charge	EDS Improvement Charge	Metro Incremental Admin. Charge	Water and Sewer Charge	Chemical Treatment Charge	Engineering Charge	Insurance Charge	EDS Electricity Charge	EDS Maintenance Costs Allocation	Electricity Charge	Natural Gas Charge	Propane Gas Charge	
Customer Name														
A. A. Birch	\$ 15,699.50	\$ 13,063.68	\$ 572.11	\$ 2,006.70	\$ 2,112.82	\$ 400.31	\$ 190.70	\$ -	\$ 235.16	\$ -	\$ 15,523.80	\$ 16,144.46	\$ 121.89	
Metro Courthouse	\$ 6,506.69	\$ 5,171.75	\$ 226.50	\$ 794.46	\$ -	\$ -	\$ 75.50	\$ -	\$ 93.10	\$ -	\$ -	\$ -	\$ -	
Parkway Towers	\$ 6,775.69	\$ 5,913.81	\$ 258.98	\$ 908.38	\$ 776.32	\$ 146.00	\$ 86.32	\$ -	\$ 106.45	\$ 557.00	\$ 6,087.30	\$ 4,750.71	\$ 35.87	
South Trust	\$ 2,920.11	\$ 2,537.18	\$ 111.11	\$ 389.72	\$ 484.05	\$ 91.93	\$ 37.03	\$ -	\$ 45.67	\$ 200.17	\$ 3,481.60	\$ 3,929.67	\$ 29.67	
Regions Bank	\$ 3,451.98	\$ 3,069.24	\$ 134.41	\$ 471.44	\$ 463.24	\$ 87.54	\$ 44.80	\$ -	\$ 55.25	\$ 243.67	\$ 3,485.96	\$ 3,286.16	\$ 24.81	
Sheraton Hotel	\$ 14,296.80	\$ 11,878.86	\$ 520.22	\$ 1,824.70	\$ 1,939.18	\$ 372.33	\$ 173.42	\$ -	\$ 213.84	\$ 966.08	\$ 12,524.44	\$ 20,129.68	\$ 151.98	
Municipal Auditorium	\$ 7,174.58	\$ 6,312.14	\$ 276.42	\$ 969.56	\$ 109.51	\$ 19.98	\$ 92.14	\$ -	\$ 113.62	\$ -	\$ 1,076.15	\$ -	\$ -	
Hermitage Hotel	\$ 6,905.58	\$ 5,570.08	\$ 243.94	\$ 855.64	\$ 693.28	\$ 132.31	\$ 81.31	\$ -	\$ 100.27	\$ 217.58	\$ 4,755.93	\$ 6,338.84	\$ 47.86	
Criminal Justice Center	\$ 13,705.02	\$ 11,072.06	\$ 484.90	\$ 1,700.81	\$ 1,157.64	\$ 219.67	\$ 161.63	\$ -	\$ 199.32	\$ -	\$ 8,390.43	\$ 9,201.09	\$ 69.47	
501 Union Association	\$ 2,722.71	\$ 2,245.38	\$ 98.34	\$ 344.91	\$ 253.81	\$ 47.40	\$ 32.78	\$ -	\$ 40.42	\$ 182.74	\$ 2,107.61	\$ 1,191.17	\$ 8.99	
Sun Trust Bank	\$ 18,843.37	\$ -	\$ -	\$ -	\$ 1,697.94	\$ 319.53	\$ 114.82	\$ -	\$ -	\$ -	\$ 13,239.36	\$ 10,620.16	\$ 80.18	
Sun Trust Financial Center	\$ 8,320.96	\$ 8,309.06	\$ 363.84	\$ 1,276.16	\$ 1,299.60	\$ 237.05	\$ 121.28	\$ -	\$ 149.55	\$ 617.92	\$ 12,770.80	\$ -	\$ -	
Renaissance Hotel	\$ 17,150.92	\$ 13,852.67	\$ 606.69	\$ 2,127.95	\$ 1,707.50	\$ 331.50	\$ 202.23	\$ -	\$ 249.38	\$ 1,148.83	\$ 9,745.39	\$ 21,678.12	\$ 163.67	
Convention Center	\$ 21,118.40	\$ 17,537.40	\$ 768.04	\$ 2,693.91	\$ 2,336.10	\$ 439.76	\$ 256.01	\$ -	\$ 315.70	\$ -	\$ 18,166.82	\$ 14,761.09	\$ 111.44	
Renaissance Office Tower	\$ 2,034.37	\$ 2,031.46	\$ 88.95	\$ 312.01	\$ 268.11	\$ 48.90	\$ 29.65	\$ -	\$ 36.56	\$ 178.42	\$ 2,634.64	\$ -	\$ -	
St. Mary of the Seven Sorrows	\$ 783.70	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 26.17	\$ -	\$ -	\$ -	
Nashville City Center	\$ 7,977.91	\$ 7,966.50	\$ 348.84	\$ 1,223.55	\$ 1,229.14	\$ 224.20	\$ 116.28	\$ -	\$ 143.39	\$ 591.83	\$ 12,078.39	\$ -	\$ -	
Wildhorse Saloon	\$ 2,388.75	\$ 2,082.32	\$ 91.19	\$ 319.86	\$ 424.08	\$ 79.54	\$ 30.40	\$ -	\$ 37.48	\$ 143.58	\$ 3,397.39	\$ 2,372.71	\$ 17.91	
Ryman Auditorium	\$ 1,942.24	\$ 1,758.80	\$ 77.02	\$ 270.15	\$ 683.82	\$ 129.92	\$ 25.67	\$ -	\$ 31.66	\$ 139.26	\$ 4,899.66	\$ 5,609.24	\$ 42.35	
Gaylord Entertainment Center	\$ 28,046.96	\$ 25,115.28	\$ 1,099.84	\$ 3,857.70	\$ 5,831.25	\$ 1,103.40	\$ 366.62	\$ -	\$ 452.07	\$ -	\$ 43,350.40	\$ 42,999.28	\$ 324.64	
Nashville Coliseum	\$ 15,955.81	\$ 15,932.99	\$ 697.67	\$ 2,447.10	\$ 856.20	\$ 156.17	\$ 232.56	\$ -	\$ 286.77	\$ -	\$ 8,413.62	\$ -	\$ -	
Hume Fogg School	\$ 3,985.26	\$ 3,411.44	\$ 149.40	\$ 524.02	\$ 531.94	\$ 102.56	\$ 49.80	\$ -	\$ 61.41	\$ -	\$ 3,287.45	\$ 5,978.67	\$ 45.14	
Nashville Symphony	\$ 11,663.08	\$ -	\$ -	\$ -	\$ 1,310.18	\$ 252.79	\$ 70.39	\$ -	\$ -	\$ -	\$ 8,026.21	\$ 14,943.30	\$ 112.82	
Nashville Public Library	\$ 5,333.33	\$ -	\$ -	\$ -	\$ 2,150.40	\$ 408.21	\$ 109.73	\$ -	\$ -	\$ -	\$ 15,528.29	\$ 17,268.76	\$ 130.38	
Viridian Residential Tower	\$ 5,564.50	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30.93	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
State Government of Tennessee	\$ 136,594.49	\$ 84,912.69	\$ -	\$ -	\$ 14,388.00	\$ 2,752.48	\$ -	\$ -	\$ 1,665.41	\$ -	\$ 96,448.18	\$ 138,501.91	\$ 1,045.65	
Grand Totals:	\$ 367,862.71	\$ 249,744.79	\$ 7,218.41	\$ 25,318.73	\$ 42,704.11	\$ 8,103.48	\$ 2,732.00	\$ -	\$ 4,632.48	\$ 5,213.25	\$ 309,419.82	\$ 339,705.02	\$ 2,564.72	
Rate Calculation Totals:	\$ 432,681.16	\$ 337,247.68	\$ 11,096.96	\$ 38,922.92	\$ 42,726.48	\$ 8,106.70	\$ 3,698.99	\$ -	\$ 4,561.29	\$ 2,295.02	\$ 309,497.80	\$ 340,141.13	\$ 2,568.00	
Deviation:	\$ (64,818.45)	\$ (87,502.89)	\$ (3,878.55)	\$ (13,604.19)	\$ (22.37)	\$ (3.22)	\$ (966.99)	\$ -	\$ 71.19	\$ 2,918.23	\$ (77.98)	\$ (436.11)	\$ (3.28)	



# Customer Reconciliation - Steam and CW

Metro DES

CUSTOMER INFORMATION		STANDARD CHARGES											
For May 2006		CAPACITY CHARGES				PASS THROUGH CHARGES					ENERGY CHARGES		
Customer Name	Facilities Capital Charge	System Operator Charge	EDS Improvement Charge	Metro Incremental Admin. Charge	Water and Sewer Charge	Chemical Treatment Charge	Engineering Charge	Insurance Charge	EDS Electricity Charge	EDS Maintenance Costs Allocation	Electricity Charge	Natural Gas Charge	Propane Gas Charge
A. A. Birch	\$ 15,699.50	\$ 13,063.68	\$ 572.11	\$ 2,006.70	\$ 3,392.25	\$ 594.62	\$ 190.70	\$ -	\$ 156.86	\$ -	\$ 21,977.47	\$ 27,328.20	\$ 103.61
Metro Courthouse	\$ 6,506.69	\$ 5,171.75	\$ 226.50	\$ 794.46	\$ -	\$ -	\$ 75.50	\$ -	\$ 62.10	\$ -	\$ -	\$ -	\$ -
Parkway Towers	\$ 6,775.69	\$ 5,913.81	\$ 258.98	\$ 908.38	\$ 656.95	\$ 110.53	\$ 86.32	\$ -	\$ 71.00	\$ 557.00	\$ 5,660.19	\$ 1,410.33	\$ 5.35
South Trust	\$ 2,920.11	\$ 2,537.18	\$ 111.11	\$ 389.72	\$ 568.39	\$ 98.64	\$ 37.03	\$ -	\$ 30.46	\$ 200.17	\$ 3,983.20	\$ 3,747.44	\$ 14.21
Regions Bank	\$ 3,451.98	\$ 3,069.24	\$ 134.41	\$ 471.44	\$ 821.14	\$ 142.26	\$ 44.80	\$ -	\$ 36.85	\$ 243.67	\$ 5,829.05	\$ 5,207.52	\$ 19.74
Sheraton Hotel	\$ 14,296.80	\$ 11,878.86	\$ 520.22	\$ 1,824.70	\$ 2,509.65	\$ 446.92	\$ 173.42	\$ -	\$ 142.63	\$ 966.08	\$ 14,130.04	\$ 26,105.81	\$ 98.98
Municipal Auditorium	\$ 7,174.58	\$ 6,312.14	\$ 276.42	\$ 969.56	\$ 65.06	\$ 10.83	\$ 92.14	\$ -	\$ 75.79	\$ -	\$ 595.95	\$ 41.94	\$ 0.16
Hermitage Hotel	\$ 6,905.58	\$ 5,570.08	\$ 243.94	\$ 855.64	\$ 831.17	\$ 144.83	\$ 81.31	\$ -	\$ 66.88	\$ 217.58	\$ 5,646.84	\$ 5,971.65	\$ 22.64
Criminal Justice Center	\$ 13,705.02	\$ 11,072.06	\$ 484.90	\$ 1,700.81	\$ 1,303.63	\$ 223.99	\$ 161.63	\$ -	\$ 132.94	\$ -	\$ 9,818.83	\$ 6,705.70	\$ 25.42
501 Union Association	\$ 2,722.71	\$ 2,245.38	\$ 98.34	\$ 344.91	\$ 259.65	\$ 43.74	\$ 32.78	\$ -	\$ 26.96	\$ 182.74	\$ 2,219.40	\$ 606.47	\$ 2.30
Sun Trust Bank	\$ 18,843.37	\$ -	\$ -	\$ -	\$ 1,913.19	\$ 326.75	\$ 114.51	\$ -	\$ -	\$ -	\$ 15,008.84	\$ 8,185.38	\$ 31.03
Sun Trust Financial Center	\$ 8,320.96	\$ 8,309.06	\$ 363.84	\$ 1,276.16	\$ 1,494.37	\$ 247.61	\$ 121.28	\$ -	\$ 99.76	\$ 617.92	\$ 14,035.41	\$ -	\$ -
Renaissance Hotel	\$ 17,150.92	\$ 13,852.67	\$ 606.69	\$ 2,127.95	\$ 2,913.93	\$ 508.53	\$ 202.23	\$ -	\$ 166.33	\$ 1,148.83	\$ 19,560.64	\$ 21,588.83	\$ 81.85
Convention Center	\$ 21,118.40	\$ 17,537.40	\$ 768.04	\$ 2,693.91	\$ 2,491.79	\$ 430.59	\$ 256.01	\$ -	\$ 210.57	\$ -	\$ 18,023.49	\$ 14,876.14	\$ 56.40
Renaissance Office Tower	\$ 2,034.37	\$ 2,031.46	\$ 88.95	\$ 312.01	\$ 444.58	\$ 73.66	\$ 29.65	\$ -	\$ 24.39	\$ 178.42	\$ 4,175.55	\$ -	\$ -
St. Mary of the Seven Sorrows	\$ 783.70	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 26.17	\$ -	\$ -	\$ -
Nashville City Center	\$ 7,977.91	\$ 7,966.50	\$ 348.84	\$ 1,223.55	\$ 1,483.47	\$ 245.81	\$ 116.28	\$ -	\$ 95.64	\$ 591.83	\$ 13,933.09	\$ -	\$ -
Wildhorse Saloon	\$ 2,388.75	\$ 2,082.32	\$ 91.19	\$ 319.86	\$ 482.94	\$ 81.97	\$ 30.40	\$ -	\$ 25.00	\$ 143.58	\$ 3,942.71	\$ 1,639.99	\$ 6.22
Ryman Auditorium	\$ 1,942.24	\$ 1,758.80	\$ 77.02	\$ 270.15	\$ 944.01	\$ 163.90	\$ 25.67	\$ -	\$ 21.12	\$ 139.26	\$ 6,593.36	\$ 6,285.06	\$ 23.83
Gaylord Entertainment Center	\$ 28,046.96	\$ 25,115.28	\$ 1,099.84	\$ 3,857.70	\$ 3,222.03	\$ 552.46	\$ 366.62	\$ -	\$ 301.54	\$ -	\$ 24,616.93	\$ 15,608.97	\$ 59.18
Nashville Coliseum	\$ 15,955.81	\$ 15,932.99	\$ 697.67	\$ 2,447.10	\$ 1,090.54	\$ 180.70	\$ 232.56	\$ -	\$ 191.29	\$ -	\$ 10,242.56	\$ -	\$ -
Hume Fogg School	\$ 3,985.26	\$ 3,411.44	\$ 149.40	\$ 524.02	\$ 504.96	\$ 88.09	\$ 49.80	\$ -	\$ 40.96	\$ -	\$ 3,398.01	\$ 3,718.06	\$ 14.10
Nashville Symphony	\$ 11,663.08	\$ -	\$ -	\$ -	\$ 297.07	\$ 58.09	\$ 70.19	\$ -	\$ -	\$ -	\$ 97.15	\$ 7,446.32	\$ 28.23
Nashville Public Library	\$ 5,333.33	\$ -	\$ -	\$ -	\$ 2,512.11	\$ 434.86	\$ 109.45	\$ -	\$ -	\$ -	\$ 17,940.12	\$ 15,634.30	\$ 59.28
Viridian Residential Tower	\$ 7,419.33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30.81	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
State Government of Tennessee	\$ 136,594.49	\$ 84,912.69	\$ -	\$ -	\$ 16,472.27	\$ 2,895.53	\$ -	\$ -	\$ 1,110.81	\$ -	\$ 104,244.26	\$ 139,545.86	\$ 529.06
<b>Grand Totals:</b>	\$ 369,717.54	\$ 249,744.79	\$ 7,218.41	\$ 25,318.73	\$ 46,675.15	\$ 8,104.91	\$ 2,731.09	\$ -	\$ 3,089.88	\$ 5,213.25	\$ 325,673.09	\$ 311,653.97	\$ 1,181.59
<b>Rate Calculation Totals:</b>	\$ 432,681.16	\$ 338,308.12	\$ 11,096.96	\$ 38,922.92	\$ 46,690.40	\$ 8,106.70	\$ 3,698.99	\$ -	\$ 3,042.54	\$ 2,295.02	\$ 325,778.45	\$ 311,758.17	\$ 1,182.00
<b>Deviation:</b>	\$ (62,963.62)	\$ (88,563.33)	\$ (3,878.55)	\$ (13,604.19)	\$ (15.25)	\$ (1.79)	\$ (967.90)	\$ -	\$ 47.34	\$ 2,918.23	\$ (105.36)	\$ (104.20)	\$ (0.41)

# Customer Reconciliation - Steam and CW

Metro DES

CUSTOMER INFORMATION		STANDARD CHARGES												
For June 2006		CAPACITY CHARGES				PASS THROUGH CHARGES					ENERGY CHARGES			
	Facilities Capital Charge	System Operator Charge	EDS Improvement Charge	Metro Incremental Admin. Charge	Water and Sewer Charge	Chemical Treatment Charge	Engineering Charge	Insurance Charge	EDS Electricity Charge	EDS Maintenance Costs Allocation	Electricity Charge	Natural Gas Charge	Propane Gas Charge	
Customer Name														
A. A. Birch	\$ 15,687.43	\$ 13,063.68	\$ 572.11	\$ 2,006.70	\$ 4,891.23	\$ 702.60	\$ 190.70	\$ -	\$ 160.32	\$ -	\$ 24,325.66	\$ 38,343.87	\$ -	
Metro Courthouse	\$ 6,501.68	\$ 5,171.75	\$ 226.50	\$ 794.46	\$ 31.86	\$ 4.18	\$ 75.50	\$ -	\$ 63.47	\$ -	\$ 298.29	\$ -	\$ -	
Parkway Towers	\$ 6,770.47	\$ 5,913.81	\$ 258.98	\$ 908.38	\$ 882.13	\$ 115.65	\$ 86.32	\$ -	\$ 72.57	\$ 557.00	\$ 8,244.35	\$ 25.92	\$ -	
South Trust	\$ 2,917.87	\$ 2,537.18	\$ 111.11	\$ 389.72	\$ 591.33	\$ 82.27	\$ 37.03	\$ -	\$ 31.14	\$ 200.17	\$ 3,873.10	\$ 2,970.49	\$ -	
Regions Bank	\$ 3,449.32	\$ 3,069.24	\$ 134.41	\$ 471.44	\$ 856.01	\$ 118.06	\$ 44.80	\$ -	\$ 37.67	\$ 243.67	\$ 5,966.67	\$ 3,657.40	\$ -	
Sheraton Hotel	\$ 14,285.80	\$ 11,878.86	\$ 520.22	\$ 1,824.70	\$ 2,258.03	\$ 314.24	\$ 173.42	\$ -	\$ 145.79	\$ 966.08	\$ 14,753.83	\$ 11,407.34	\$ -	
Municipal Auditorium	\$ 7,169.06	\$ 6,312.14	\$ 276.42	\$ 969.56	\$ 252.09	\$ 33.04	\$ 92.14	\$ -	\$ 77.46	\$ -	\$ 2,360.21	\$ -	\$ -	
Hermitage Hotel	\$ 6,900.27	\$ 5,570.08	\$ 243.94	\$ 855.64	\$ 921.15	\$ 127.64	\$ 81.31	\$ -	\$ 68.36	\$ 217.58	\$ 6,209.22	\$ 4,313.25	\$ -	
Criminal Justice Center	\$ 13,694.49	\$ 11,072.06	\$ 484.90	\$ 1,700.81	\$ 1,521.30	\$ 210.12	\$ 161.63	\$ -	\$ 135.88	\$ -	\$ 10,494.86	\$ 6,694.56	\$ -	
501 Union Association	\$ 2,720.62	\$ 2,245.38	\$ 98.34	\$ 344.91	\$ 266.38	\$ 34.91	\$ 32.78	\$ -	\$ 27.56	\$ 182.74	\$ 2,493.92	\$ -	\$ -	
Sun Trust Bank	\$ 18,843.37	\$ -	\$ -	\$ -	\$ 1,712.50	\$ 225.23	\$ 114.50	\$ -	\$ -	\$ -	\$ 15,754.54	\$ 497.60	\$ -	
Sun Trust Financial Center	\$ 8,314.56	\$ 8,309.06	\$ 363.84	\$ 1,276.16	\$ 1,623.75	\$ 212.80	\$ 121.28	\$ -	\$ 101.96	\$ 617.92	\$ 15,202.23	\$ -	\$ -	
Renaissance Hotel	\$ 17,137.73	\$ 13,852.67	\$ 606.69	\$ 2,127.95	\$ 3,515.28	\$ 491.56	\$ 202.23	\$ -	\$ 170.01	\$ 1,148.83	\$ 22,152.62	\$ 19,216.24	\$ -	
Convention Center	\$ 21,102.16	\$ 17,537.40	\$ 768.04	\$ 2,693.91	\$ 2,387.36	\$ 324.09	\$ 256.01	\$ -	\$ 215.24	\$ -	\$ 18,443.41	\$ 6,980.24	\$ -	
Renaissance Office Tower	\$ 2,032.80	\$ 2,031.46	\$ 88.95	\$ 312.01	\$ 503.57	\$ 66.00	\$ 29.65	\$ -	\$ 24.93	\$ 178.42	\$ 4,714.64	\$ -	\$ -	
St. Mary of the Seven Sorrows	\$ 783.70	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 26.17	\$ -	\$ -	\$ -	
Nashville City Center	\$ 7,971.77	\$ 7,966.50	\$ 348.84	\$ 1,223.55	\$ 1,762.47	\$ 230.98	\$ 116.28	\$ -	\$ 97.75	\$ 591.83	\$ 16,501.00	\$ -	\$ -	
Wildhorse Saloon	\$ 2,386.91	\$ 2,082.32	\$ 91.19	\$ 319.86	\$ 795.91	\$ 111.04	\$ 30.40	\$ -	\$ 25.56	\$ 143.58	\$ 5,102.75	\$ 4,195.26	\$ -	
Ryman Auditorium	\$ 1,940.75	\$ 1,758.80	\$ 77.02	\$ 270.15	\$ 1,161.60	\$ 163.51	\$ 25.67	\$ -	\$ 21.59	\$ 139.26	\$ 6,944.51	\$ 7,020.95	\$ -	
Gaylord Entertainment Center	\$ 28,025.40	\$ 25,115.28	\$ 1,099.84	\$ 3,857.70	\$ 4,508.99	\$ 634.09	\$ 366.62	\$ -	\$ 308.21	\$ -	\$ 27,166.35	\$ 26,878.25	\$ -	
Nashville Coliseum	\$ 15,943.54	\$ 15,932.99	\$ 697.67	\$ 2,447.10	\$ 2,076.77	\$ 272.17	\$ 232.56	\$ -	\$ 195.51	\$ -	\$ 19,443.62	\$ -	\$ -	
Hume Fogg School	\$ 3,982.20	\$ 3,411.44	\$ 149.40	\$ 524.02	\$ 795.80	\$ 114.45	\$ 49.80	\$ -	\$ 41.87	\$ -	\$ 3,911.21	\$ 6,321.68	\$ -	
Nashville Symphony	\$ 11,663.08	\$ -	\$ -	\$ -	\$ 3,023.59	\$ 422.16	\$ 70.18	\$ -	\$ -	\$ -	\$ 19,275.76	\$ 16,132.49	\$ -	
Nashville Public Library	\$ 5,333.33	\$ -	\$ -	\$ -	\$ 2,897.56	\$ 407.84	\$ 109.44	\$ -	\$ -	\$ -	\$ 17,334.61	\$ 17,492.21	\$ -	
Viridian Residential Tower	\$ 9,274.17	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 51.35	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
State Government of Tennessee	\$ 136,594.49	\$ 84,912.69	\$ -	\$ -	\$ 19,520.98	\$ 2,685.54	\$ -	\$ -	\$ 1,135.39	\$ -	\$ 138,415.99	\$ 79,208.40	\$ -	
Grand Totals:	\$ 371,426.97	\$ 249,744.79	\$ 7,218.41	\$ 25,318.73	\$ 58,757.64	\$ 8,104.17	\$ 2,751.60	\$ -	\$ 3,158.24	\$ 5,213.25	\$ 409,383.35	\$ 251,356.15	\$ -	
Rate Calculation Totals:	\$ 432,453.46	\$ 338,308.12	\$ 11,096.96	\$ 38,922.92	\$ 58,770.67	\$ 8,106.70	\$ 3,698.99	\$ -	\$ 3,109.70	\$ 2,295.02	\$ 409,505.19	\$ 251,356.15	\$ -	
Deviation:	\$ (61,026.49)	\$ (88,563.33)	\$ (3,878.55)	\$ (13,604.19)	\$ (13.03)	\$ (2.53)	\$ (947.39)	\$ -	\$ 48.54	\$ 2,918.23	\$ (121.84)	\$ -	\$ -	

# Customer Reconciliation - Steam and CW

Metro DES

CUSTOMER INFORMATION		STANDARD CHARGES												
For True Up FY 05-06		CAPACITY CHARGES				PASS THROUGH CHARGES						ENERGY CHARGES		
Customer Name		Facilities Capital Charge	System Operator Charge	EDS Improvement Charge	Metro Incremental Admin. Charge	Water and Sewer Charge	Chemical Treatment Charge	Engineering Charge	Insurance Charge	EDS Electricity Charge	EDS Maintenance Costs Allocation	Electricity Charge	Natural Gas Charge	Propane Gas Charge
A. A. Birch	\$	-	\$	-	\$	4,755.40	\$ (58.17)	\$ 520.86	\$ (2,288.45)	\$	-	\$ (97.32)	\$ (529.02)	\$ -
Metro Courthouse	\$	-	\$	-	\$	1,882.68	\$ (0.01)	\$ 1.45	\$ (906.00)	\$	-	\$ -	\$ -	\$ -
Parkway Towers	\$	-	\$	-	\$	2,152.64	\$ (30.92)	\$ 414.49	\$ (1,035.92)	\$	-	\$ (50.59)	\$ (275.01)	\$ -
South Trust	\$	-	\$	-	\$	923.55	\$ (21.22)	\$ 261.48	\$ (444.43)	\$	-	\$ (34.91)	\$ (189.74)	\$ -
Regions Bank	\$	-	\$	-	\$	1,117.20	\$ (22.96)	\$ 296.01	\$ (537.63)	\$	-	\$ (37.67)	\$ (204.76)	\$ -
Sheraton Hotel	\$	-	\$	-	\$	4,324.11	\$ (98.31)	\$ 1,002.51	\$ (2,080.90)	\$	-	\$ (163.47)	\$ (888.58)	\$ -
Municipal Auditorium	\$	-	\$	-	\$	2,297.61	\$ (13.26)	\$ 122.14	\$ (1,105.69)	\$	-	\$ (22.16)	\$ (120.45)	\$ -
Hermitage Hotel	\$	-	\$	-	\$	2,027.66	\$ (32.34)	\$ 382.29	\$ (975.77)	\$	-	\$ (53.33)	\$ (289.89)	\$ -
Criminal Justice Center	\$	-	\$	-	\$	4,030.52	\$ (61.30)	\$ 672.72	\$ (1,939.61)	\$	-	\$ (101.52)	\$ (551.85)	\$ -
501 Union Association	\$	-	\$	-	\$	817.37	\$ (14.35)	\$ 143.53	\$ (393.35)	\$	-	\$ (23.89)	\$ (129.88)	\$ -
Sun Trust Bank	\$	-	\$	-	\$	-	\$ (63.18)	\$ 856.71	\$ (1,389.31)	\$	-	\$ (103.30)	\$ (561.50)	\$ -
Sun Trust Financial Center	\$	-	\$	-	\$	3,024.20	\$ (3.17)	\$ 669.80	\$ (1,455.34)	\$	-	\$ -	\$ -	\$ -
Renaissance Hotel	\$	-	\$	-	\$	5,042.73	\$ (96.29)	\$ 992.92	\$ (2,426.72)	\$	-	\$ (160.01)	\$ (869.77)	\$ -
Convention Center	\$	-	\$	-	\$	6,383.92	\$ (81.79)	\$ 812.06	\$ (3,072.14)	\$	-	\$ (136.18)	\$ (740.27)	\$ -
Renaissance Office Tower	\$	-	\$	-	\$	739.38	\$ (0.82)	\$ 171.99	\$ (355.81)	\$	-	\$ -	\$ -	\$ -
St. Mary of the Seven Sorrows	\$	-	\$	-	\$	-	\$ -	\$ -	\$ -	\$	-	\$ -	\$ -	\$ -
Nashville City Center	\$	-	\$	-	\$	2,899.52	\$ (3.15)	\$ 665.11	\$ (1,395.34)	\$	-	\$ -	\$ -	\$ -
Wildhorse Saloon	\$	-	\$	-	\$	757.97	\$ (23.42)	\$ 278.17	\$ (364.76)	\$	-	\$ (38.61)	\$ (209.90)	\$ -
Ryman Auditorium	\$	-	\$	-	\$	640.19	\$ (28.12)	\$ 347.01	\$ (308.08)	\$	-	\$ (46.25)	\$ (251.42)	\$ -
Gaylord Entertainment Center	\$	-	\$	-	\$	9,141.83	\$ (188.60)	\$ 2,418.45	\$ (4,399.34)	\$	-	\$ (309.48)	\$ (1,682.26)	\$ -
Nashville Coliseum	\$	-	\$	-	\$	5,799.05	\$ (2.62)	\$ 552.97	\$ (2,790.69)	\$	-	\$ -	\$ -	\$ -
Hume Fogg School	\$	-	\$	-	\$	1,241.79	\$ (25.02)	\$ 248.78	\$ (597.59)	\$	-	\$ (41.65)	\$ (226.40)	\$ -
Nashville Symphony	\$	-	\$	-	\$	-	\$ (50.75)	\$ 418.56	\$ (852.15)	\$	-	\$ (85.20)	\$ (463.15)	\$ -
Nashville Public Library	\$	-	\$	-	\$	-	\$ (67.68)	\$ 1,013.59	\$ (1,327.24)	\$	-	\$ (109.85)	\$ (597.11)	\$ -
Viridian Residential Tower	\$	-	\$	-	\$	-	\$ -	\$ (250.44)	\$	-	-	\$ -	\$ -	\$ -
State Government of Tennessee	\$	-	\$	-	\$	-	\$ (813.02)	\$ 8,288.51	\$ -	\$	-	\$ (1,351.80)	\$ (7,348.11)	\$ -
<b>Grand Totals:</b>	\$	-	\$	-	\$	59,999.32	\$ (1,800.47)	\$ 21,552.11	\$ (32,692.70)	\$	-	\$ (2,967.19)	\$ (16,129.07)	\$ -
<b>Rate Calculation Totals:</b>	\$	-	\$	-	\$	92,238.02	\$ -	\$ 21,579.53	\$ -	\$	-	\$ -	\$ -	\$ -
<b>Deviation:</b>	\$	-	\$	-	\$	(32,238.70)	\$ (1,800.47)	\$ (27.42)	\$ (32,692.70)	\$	-	\$ (2,967.19)	\$ (16,129.07)	\$ -

# Appendix 4



## CEPS INVOICE RECONCILIATION - FY2005

### FINALIZE FUEL EFFICIENCY ADJUSTMENTS

SUMMARY	ELECTRIC FEA	FUEL GAS FEA	WATER FEA	System TOTAL
STEAM SYSTEM	\$7,652.58	\$156,201.32	\$93.51	\$163,947.41
CHILLED WATER SYSTEM	\$0.00	\$0.00	\$54,526.15	\$54,526.15
<b>TOTAL</b>	<b>\$7,652.58</b>	<b>\$156,201.32</b>	<b>\$54,619.66</b>	<b>\$218,473.56</b>

Include FEA  
in INVOICE  
(YES/NO)  
**YES**

### ELECTRICITY-TO-STEAM CONVERSION

CONTRACTUAL GUARANTEE	6.000	kWh per mlb sold	CES PENALTY/BONUS CALCULATION	PENALTY	BONUS
Metering Inaccuracy Buffer	25%		RATE VARIANCE kWh per mlb sold	0.000	1.477
GUARANTEED MAX QUANTITY	7.500	kWh per mlb sold	STEAM SOLD 303,934 mlb		
CEPS FUEL EFFICIENCY ADJUSTME	4.500	kWh per mlb sold	VARIANCE in kWh = RATE VARIANCE x STEAM SOLD	0	448,878
CEPS ACTUAL CONVERSION RATE	3.023	kWh per mlb sold	AVERAGE ELECTRIC PRICE \$0.0682 / kWh		
			CEPS PENALTY / BONUS	\$0.00	\$7,652.58
NOTE: Penalty at 100% of variance and Bonus at 25% of variance					

### FUEL GAS-TO-STEAM CONVERSION

CONTRACTUAL GUARANTEE (varies by Condensate Return, see below)			CES PENALTY/BONUS CALCULATION	PENALTY	BONUS
Given Condensate Return at	0%	of Send-out	RATE VARIANCE Dth. per mlb sold	0.000	0.182
	157 °F	avg. Temp.	STEAM SEND-OUT 354,779 mlb		
GUARANTEED MAX QUANTITY	1.772	Dth.per mlb sold	VARIANCE in Dth. = RATE VARIANCE x STEAM SOLD	0	64,534
CEPS FUEL EFFICIENCY ADJUSTME	1.651	Dth.per mlb sold	AVERAGE FUEL PRICE \$9.6818 / Dth.		
CEPS ACTUAL CONVERSION RATE	1.469	Dth.per mlb sold	CEPS PENALTY / BONUS	\$0.00	\$156,201.32
NOTE: Penalty at 100% of variance and Bonus at 25% of variance					

### WATER-TO-STEAM CONVERSION

CONTRACTUAL GUARANTEE (varies by Plant Send-out, see below))			CES PENALTY/BONUS CALCULATION	PENALTY	BONUS
PLANT LOSSES	15%		VARIANCE in gallons = GMQ - CES ACTUAL USE	0	177,903
VOLUMETRIC CONVERSION	7.4805	gallons per cft	AVERAGE WATER PRICE \$2.1024 / kGall		
CONDENSATE RETURN SPEC. VOL.	8.15585	gall per lb	CEPS PENALTY / BONUS	\$0.00	\$93.51
GUARANTEED MAX QUANTITY	50,024,931	gallons	Average water price excludes sewer.		
CEPS ACTUAL USE	49,847,028	gallons			
NOTE: Penalty at 100% of variance and Bonus at 25% of variance					

### ELECTRICITY-TO-CHILLED WATER CONVERSION

CONTRACTUAL GUARANTEE	1.055	kWh per ton-hr sold	CES PENALTY/BONUS CALCULATION	PENALTY	BONUS
Metering Inaccuracy Buffer	25%		RATE VARIANCE kWh per ton-hr sold	0.000	0.000
GUARANTEED MAX QUANTITY	1.319	kWh per ton-hr sold	CHILLED WATER SOLD 52,586,026 ton-hrs		
CEPS FUEL EFFICIENCY ADJUSTME	0.791	kWh per ton-hr sold	VARIANCE in kWh = RATE VARIANCE x CHW SOLD	0	0
CEPS ACTUAL CONVERSION RATE	0.929	kWh per ton-hr sold	AVERAGE ELECTRIC PRICE \$0.0682 / kWh		
			CEPS PENALTY / BONUS	\$0.00	\$0.00
NOTE: Penalty at 100% of variance and Bonus at 25% of variance					

### WATER-TO-CHILLED WATER CONVERSION

CONTRACTUAL GUARANTEE	5.250	gall per ton-hr sold	CES PENALTY/BONUS CALCULATION	PENALTY	BONUS
Metering Inaccuracy Buffer	25%		RATE VARIANCE gall per ton-hr sold	0.000	1.973
GUARANTEED MAX QUANTITY	6.563	gall per ton-hr sold	CHILLED WATER SOLD 52,586,026 ton-hrs		
CEPS FUEL EFFICIENCY ADJUSTME	3.938	gall per ton-hr sold	VARIANCE in gallons = RATE VARIANCE x CHW SOLD	0	103,740,772
CEPS ACTUAL CONVERSION RATE	1.965	gall per ton-hr sold	AVERAGE WATER PRICE \$2.1024 / kGall		
			CEPS PENALTY / BONUS	\$0.00	\$54,526.15
NOTE: Penalty at 100% of variance and Bonus at 25% of variance					

### COMPARISON PREVIOUSLY BILLED VS. RECONCILED AMOUNTS

STEAM SYSTEM				CHILLED WATER SYSTEM			
	BILLED	RECONCILED	VARIANCE		BILLED	RECONCILED	VARIANCE
ELECTRIC	\$10,624.42	\$7,652.58	(\$2,971.84)	ELECTRIC	\$0.00	\$0.00	\$0.00
FUEL GAS	\$167,303.01	\$156,201.32	(\$11,101.69)	FUEL GAS	\$0.00	\$0.00	\$0.00
WATER	\$1,825.20	\$93.51	(\$1,731.70)	WATER	\$54,597.52	\$54,526.15	(\$71.37)
<b>TOTAL</b>	<b>\$179,752.63</b>	<b>\$163,947.41</b>	<b>(\$15,805.23)</b>	<b>TOTAL</b>	<b>\$54,597.52</b>	<b>\$54,526.15</b>	<b>(\$71.37)</b>

# CEPS INVOICE RECONCILIATION - FY2006

## UTILITY INVOICES (Paste Link)

Month of Service	7	8	9	10	11	12	1	2	3	4	5	6	TOTAL
<b>ELECTRIC SERVICE (NES)</b>													
Service Dates	From	6/30/2005	7/31/2005	8/31/2005	9/30/2005	10/31/2005	11/30/2005	12/31/2005	1/31/2006	2/28/2006	3/31/2006	4/30/2006	6/30/2005
	To	7/31/2005	8/31/2005	9/30/2005	10/31/2005	11/30/2005	12/31/2005	1/31/2006	2/28/2006	3/31/2006	4/30/2006	5/31/2006	6/30/2006
PEAK Demand	kW	12,407	13,742	11,642	10,307	9,380	9,380	9,380	9,380	10,987	11,869	13,784	13,784
Service Period Use	kWh	6,440,000	6,636,000	5,460,000	3,864,000	2,968,000	2,352,000	2,632,000	2,184,000	3,024,000	4,116,000	5,852,000	49,756,000
Service Period Charge	\$	\$ 343,191.49	\$ 363,918.54	\$ 304,979.94	\$ 265,762.74	\$ 224,892.72	\$ 204,786.48	\$ 216,184.61	\$ 199,302.96	\$ 226,720.56	\$ 308,876.24	\$ 324,960.56	\$ 3,393,004
Average Charge	\$/kWh	\$ 0.053300	\$ 0.054800	\$ 0.054800	\$ 0.068800	\$ 0.075800	\$ 0.087100	\$ 0.082100	\$ 0.091300	\$ 0.075000	\$ 0.075000	\$ 0.076900	\$ 0.068193
<b>NATURAL GAS SERVICE</b>													
Service Dates	From	7/1/2005	8/1/2005	9/1/2005	10/1/2005	11/1/2005	12/1/2005	1/1/2006	2/1/2006	3/1/2006	4/1/2006	5/1/2006	7/1/2005
	To	8/1/2005	9/1/2005	10/1/2005	11/1/2005	12/1/2005	1/1/2006	2/1/2006	3/1/2006	4/1/2006	5/1/2006	6/1/2006	7/1/2006
UTILITY METER Readings	Start	808,143	825,637	844,109	864,207	898,319	898,319	26,501	92,699	157,897	209,429	245,009	278,253
	Ending	825,637	844,109	864,207	898,319	947,001	1,026,501	92,699	157,897	209,429	245,009	278,253	304,167
UTILITY METER Multiplier		10	10	10	10	10	10	10	10	10	10	10	
HEAT FACTOR		1.033	1.034	1.032	1.035	1.044	1.038	1.045	1.042	1.046	1.052	1.043	1.038
Service Period Use	CCF	174,940	184,720	200,980	341,120	486,820	795,000	661,980	651,980	515,320	355,800	332,440	4,960,240
	Dth	18,071.3	19,100.0	20,741.1	35,305.9	50,824.0	82,521.0	69,176.9	67,936.3	56,665.0	37,430.2	34,673.5	519,343.9
Service Period Charges													
CONSULTANTS	\$	\$ 6,425.00	\$ 10,425.00	\$ 10,425.00	\$ 10,425.00	\$ 10,425.00	\$ 10,425.00	\$ 16,850.00	\$ 10,425.00	\$ 10,425.00	\$ 10,425.00	\$ 10,425.00	127,525.0
NASHVILLE GAS	\$	\$ 10,475.33	\$ 10,776.83	\$ 11,257.83	\$ 15,526.69	\$ 20,074.96	\$ 29,365.18	\$ 25,454.11	\$ 25,107.05	\$ 21,801.32	\$ 16,159.98	\$ 15,484.22	214,687.5
ATMOS	\$	\$ 142,611.09	\$ 157,516.91	\$ 187,539.21	\$ 367,060.10	\$ 522,658.26	\$ 823,527.49	\$ 671,721.05	\$ 560,181.52	\$ 456,426.84	\$ 303,715.15	\$ 275,125.71	4,685,982.9
TOTAL	\$	\$ 159,511.42	\$ 178,718.74	\$ 209,222.04	\$ 393,011.79	\$ 553,158.22	\$ 863,317.67	\$ 714,025.16	\$ 595,713.57	\$ 488,653.16	\$ 330,300.13	\$ 301,034.93	\$ 5,028,195.36
Average Charge	\$/Dth	\$ 8.8268	\$ 9.3570	\$ 10.0873	\$ 11.1316	\$ 10.8838	\$ 10.4618	\$ 10.3217	\$ 8.7687	\$ 8.6235	\$ 8.8244	\$ 8.6820	\$ 8.9792
<b>WATER SERVICE (DOMESTIC AND PLANT)</b>													
Service Dates	From	6/30/2004	7/30/2004	8/31/2004	9/30/2004	10/29/2004	11/30/2004	12/30/2004	1/31/2005	2/28/2005	3/31/2005	4/29/2005	6/30/2004
	To	7/30/2004	8/31/2004	9/30/2004	10/29/2004	11/30/2004	12/30/2004	1/31/2005	2/28/2005	3/31/2005	4/29/2005	5/31/2005	6/30/2005
UTILITY METER Readings													
DOMESTIC	Start												
	Ending												
PLANT METER #1	Start												
	Ending												
PLANT METER #2	Start												
	Ending												
Service Period Use													
DOMESTIC	CCF	11	13	10	9	11	10	15	11	11	12	13	141
PLANT METER #1	CCF	20,125	23,558	19,599	15,874	14,222	14,890	15,454	13,692	15,298	16,710	18,128	210,096
PLANT METER #2	CCF												0
TOTAL	CCF	20,136	23,571	19,609	15,883	14,233	14,900	15,469	13,703	15,309	16,722	18,141	210,237
PLANT ONLY	CCF	20,125	23,558	19,599	15,874	14,222	14,890	15,454	13,692	15,298	16,710	18,128	210,096
GALLONS		15,053,500	17,621,384	14,660,052	11,873,752	10,638,056	11,137,720	11,559,592	10,241,616	11,442,904	12,499,080	13,559,744	157,151,808
Service Period Charges													
DOMESTIC	WATER \$	\$ 37.34	\$ 38.90	\$ 52.94	\$ 51.38	\$ 46.70	\$ 51.38	\$ 70.10	\$ 40.46	\$ 40.46	\$ 34.22	\$ 37.34	\$ 38.90
	SEWER \$	\$ 69.16	\$ 71.75	\$ 95.06	\$ 92.47	\$ 84.70	\$ 92.47	\$ 123.55	\$ 74.34	\$ 74.34	\$ 63.98	\$ 69.16	\$ 71.75
PLANT	WATER \$	\$ 31,395.00	\$ 36,750.48	\$ 30,574.44	\$ 24,763.44	\$ 22,186.32	\$ 23,228.40	\$ 24,108.24	\$ 21,359.52	\$ 23,864.88	\$ 26,067.60	\$ 29,460.39	\$ 36,638.79
	SEWER \$	\$ 14,340.95	\$ 16,786.37	\$ 13,968.90	\$ 11,315.51	\$ 10,138.09	\$ 10,614.66	\$ 11,019.48	\$ 9,759.56	\$ 10,903.44	\$ 11,908.10	\$ 11,737.88	\$ 14,598.54
STATE FEE @ 10%													
TOTAL		\$ 45,842.45	\$ 53,647.50	\$ 44,691.34	\$ 36,222.80	\$ 32,455.81	\$ 33,986.91	\$ 35,321.37	\$ 31,233.88	\$ 34,883.12	\$ 38,073.90	\$ 41,304.77	\$ 479,011.83
PLANT, WATER ONLY	\$	\$ 31,395.00	\$ 36,750.48	\$ 30,574.44	\$ 24,763.44	\$ 22,186.32	\$ 23,228.40	\$ 24,108.24	\$ 21,359.52	\$ 23,864.88	\$ 26,067.60	\$ 29,460.39	\$ 330,397.50
Average Charge	\$/kGall	\$ 2.0856	\$ 2.0856	\$ 2.0856	\$ 2.0856	\$ 2.0856	\$ 2.0856	\$ 2.0856	\$ 2.0856	\$ 2.0856	\$ 2.0856	\$ 2.1726	\$ 2.1024

<b>MONTHLY FEAs</b>													
Service Dates	From	6/30/2005	7/31/2005	8/31/2005	9/30/2005	10/31/2005	11/30/2005	12/31/2005	1/31/2006	2/28/2006	3/31/2006	4/30/2006	6/30/2005
	To	7/31/2005	8/31/2005	9/30/2005	10/31/2005	11/30/2005	12/31/2005	1/31/2006	2/28/2006	3/31/2006	4/30/2006	5/31/2006	6/30/2006
STEAM	ELECTRIC	\$-10.55	\$-329.90	\$0.00	\$164.05	\$761.90	\$2,588.66	\$2,231.31	\$2,030.81	\$1,670.38	\$621.56	\$817.89	\$10,624.42
	FUEL GAS	\$4,625.24	\$6,121.82	\$6,919.89	\$13,602.33	\$16,663.10	\$24,135.37	\$24,805.63	\$18,563.34	\$21,474.55	\$9,841.01	\$10,723.00	\$167,303.01
	WATER	\$123.54	\$72.97	\$2.19	\$27.08	\$49.04	\$237.31	\$341.83	\$325.78	\$340.42	\$186.35	\$45.95	\$1,825.20
CHW	ELECTRIC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	FUEL GAS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	WATER	\$6,302.04	\$6,736.65	\$5,653.56	\$4,198.93	\$3,278.14	\$2,894.40	\$2,625.08	\$2,395.50	\$3,357.36	\$4,466.22	\$5,339.68	\$54,597.52



## CEPS INVOICE RECONCILIATION - FY2006

### STEAM CAPACITY TEST ADJUSTMENTS

Month		7	8	9	10	11	12									TOTAL
NATURAL GAS																
USAGE CREDIT	MCF															0
	Dth															0
	\$															\$ -
ELECTRIC																
USAGE CREDIT	kWh															0
	\$															\$ -
WATER																
USAGE CREDIT	kGallon															0
	\$															\$ -
PLANT STEAM																
SEND-OUT CREDIT	mlb															0

### PLANT READINGS (Paste Link)

Month		7	8	9	10	11	12	1	2	3	4	5	6		TOTAL
DATE OF READINGS	From	6/30/2005	7/31/2005	8/31/2005	9/30/2005	10/31/2005	11/30/2005	12/31/2005	1/31/2006	2/28/2006	3/31/2006	4/30/2006	5/31/2006		6/30/2005
	To	7/31/2005	8/31/2005	9/30/2005	10/31/2005	11/30/2005	12/31/2005	1/31/2006	2/28/2006	3/31/2006	4/30/2006	5/31/2006	6/30/2006		6/30/2006
<b>ELECTRIC METERS</b>															
<b>SWG-2A</b>	Start Reading	10,578.58	11,313.17	12,467.25	13,660.74	14,133.91	14,686.62	15,045.50	15,609.37	15,749.37	16,242.62	17,054.42	17,867.53		
	End Reading	11,313.17	12,467.25	13,660.74	14,133.91	14,686.62	15,045.50	15,609.37	15,749.37	16,242.62	17,054.42	17,867.53	19,070.53		
	Period Use in units = 1,000 x kWh	734,590	1,154,080	1,193,490	473,170	552,710	358,880	563,870	140,000	493,250	811,800	813,110	1,203,000		8,491,950
<b>SWG-2B</b>	Start Reading	16,068.73	17,923.41	19,755.30	21,174.52	22,086.16	22,957.96	23,664.78	24,372.25	24,885.60	25,713.90	26,537.39	27,371.28		
	End Reading	17,923.41	19,755.30	21,174.52	22,086.16	22,957.96	23,664.78	24,372.25	24,885.60	25,713.90	26,537.39	27,371.28	28,515.28		
	Period Use in units = 1,000 x kWh	1,854,680	1,831,890	1,419,220	911,640	871,800	706,820	707,470	513,350	828,300	823,490	833,890	1,144,000		12,446,550
<b>SWG-3A</b>	Start Reading	10,959.23	11,809.26	12,707.02	13,727.38	14,352.68	14,567.66	14,821.53	15,217.39	15,610.64	15,984.13	16,645.37	17,205.91		
	End Reading	11,809.26	12,707.02	13,727.38	14,352.68	14,567.66	14,821.53	15,217.39	15,610.64	15,984.13	16,645.37	17,205.91	17,596.34		
	Period Use in units = 1,000 x kWh	850,030	897,760	1,020,360	625,300	214,980	253,870	395,860	393,250	373,490	661,240	560,540	390,430		6,637,110
<b>SWG-3B</b>	Start Reading	10,493.82	11,648.58	13,075.88	13,435.82	14,240.30	14,683.26	14,828.60	15,005.29	15,312.57	15,693.91	16,271.15	17,238.43		
	End Reading	11,648.58	13,075.88	13,435.82	14,240.30	14,683.26	14,828.60	15,005.29	15,312.57	15,693.91	16,271.15	17,238.43	18,923.67		
	Period Use in units = 1,000 x kWh	1,154,760	1,427,300	359,940	804,480	442,960	145,340	176,690	307,280	381,340	577,240	967,280	1,685,240		8,429,850
<b>SWG-4A</b>	Start Reading	3,085,870.00	3,337,691.00	3,696,344.00	4,012,402.00	4,257,083.00	4,434,438.00	4,574,050.00	4,766,096.00	4,874,157.00	5,039,829.00	5,237,335.00	5,401,337.00		
	End Reading	3,337,691.00	3,696,344.00	4,012,402.00	4,257,083.00	4,434,438.00	4,574,050.00	4,766,096.00	4,874,157.00	5,039,829.00	5,237,335.00	5,401,337.00	5,611,292.00		
	Period Use in units = 1 x kWh	251,821	358,653	316,058	244,681	177,355	139,612	192,046	108,061	165,672	197,506	164,002	209,955		2,525,422
<b>SWG-4B</b>	Start Reading	2,860,602.00	3,106,225.00	3,386,475.00	3,591,788.00	3,734,046.00	3,876,720.00	3,992,784.00	4,111,206.00	4,232,288.00	4,394,642.00	4,563,464.00	4,793,260.00		
	End Reading	3,106,225.00	3,386,475.00	3,591,788.00	3,734,046.00	3,876,720.00	3,992,784.00	4,111,206.00	4,232,288.00	4,394,642.00	4,563,464.00	4,793,260.00	5,053,454.00		
	Period Use in units = 1 x kWh	245,623	280,250	205,313	142,258	142,674	116,064	118,422	121,082	162,354	168,822	229,796	260,194		2,192,852
<b>SWG-5A</b>	Start Reading	2,502,683.00	2,653,544.00	2,883,568.00	3,016,463.00	3,145,497.00	3,235,195.00	3,321,918.00	3,419,723.00	3,505,485.00	3,598,721.00	3,718,261.00	3,867,853.00		
	End Reading	2,653,544.00	2,883,568.00	3,016,463.00	3,145,497.00	3,235,195.00	3,321,918.00	3,419,723.00	3,505,485.00	3,598,721.00	3,718,261.00	3,867,853.00	4,022,827.00		
	Period Use in units = 1 x kWh	150,861	230,024	132,895	129,034	89,698	86,723	97,805	85,762	93,236	119,540	149,592	154,974		1,520,144
<b>SWG-5B</b>	Start Reading	2,512,037.00	2,710,887.00	2,880,972.00	3,066,856.00	3,187,231.00	3,299,185.00	3,399,767.00	3,503,592.00	3,583,393.00	3,694,975.00	3,818,585.00	3,944,921.00		
	End Reading	2,710,887.00	2,880,972.00	3,066,856.00	3,187,231.00	3,299,185.00	3,399,767.00	3,503,592.00	3,583,393.00	3,694,975.00	3,818,585.00	3,944,921.00	4,147,463.00		
	Period Use in units = 1 x kWh	198,850	170,085	185,884	120,375	111,954	100,582	103,825	79,801	111,582	123,610	126,336	202,542		1,635,426
<b>MCC-1</b>	Start Reading	1,867,006.10	2,074,746.20	2,188,514.90	2,356,736.60	2,472,550.80	2,542,611.70	2,593,235.70	2,756,913.80	2,804,467.70	2,883,616.80	2,992,853.60	3,129,338.20		
	End Reading	2,074,746.20	2,188,514.90	2,356,736.60	2,472,550.80	2,542,611.70	2,593,235.70	2,756,913.80	2,804,467.70	2,883,616.80	2,992,853.60	3,129,338.20	3,208,602.70		
	Period Use in units = 1 x kWh	207,740	113,769	168,222	115,814	70,061	50,624	163,678	47,554	79,149	109,237	136,485	79,265		1,341,597
<b>MCC-2</b>	Start Reading	1,774,644.60	1,986,480.90	2,197,468.80	2,366,284.10	2,468,251.10	2,537,183.20	2,583,688.00	2,649,959.90	2,686,874.20	2,757,662.90	2,868,209.50	2,999,012.90		
	End Reading	1,986,480.90	2,197,468.80	2,366,284.10	2,468,251.10	2,537,183.20	2,583,688.00	2,649,959.90	2,686,874.20	2,757,662.90	2,868,209.50	2,999,012.90	3,195,983.90		
	Period Use in units = 1 x kWh	211,836	210,988	168,815	101,967	68,932	46,505	66,272	36,914	70,789	110,547	130,803	196,971		1,421,339
<b>MCC-3</b>	Start Reading	390,887.70	404,986.60	420,923.70	430,769.70	463,386.40	490,775.40	551,080.80	607,269.80	652,606.80	693,743.80	704,861.40	744,135.90		
	End Reading	404,986.60	420,923.70	430,769.70	463,386.40	490,775.40	551,080.80	607,269.80	652,606.80	693,743.80	704,861.40	744,135.90	776,317.50		
	Period Use in units = 1 x kWh	14,099	15,937	9,846	32,617	27,389	60,305	56,189	45,337	41,137	11,118	39,275	32,182		385,430
<b>MCC-4</b>	Start Reading	597,274.60	632,487.20	669,674.40	707,325.60	736,600.80	789,423.90	848,337.40	908,306.20	964,918.10	1,010,195.20	1,051,593.80	1,070,957.70		
	End Reading	632,487.20	669,674.40	707,325.60	736,600.80	789,423.90	848,337.40	908,306.20	964,918.10	1,010,195.20	1,051,593.80	1,070,957.70	1,086,362.60		
	Period Use in units = 1 x kWh	35,213	37,187	37,651	29,275	52,823	58,914	59,969	56,612	45,277	41,399	19,364	15,405		489,088

#### NOTES:

### OTHER METERS (Paste Link)

<b>FT_6120: Propane Gas</b>	Start Reading	1,799.00	1,799.00	1,799.00	1,799.00	1,800.00	1,800.00	1,800.00	4,151.00	4,151.00	4,565.00	4,735.00	4,813.00		
	End Reading	1,799.00	1,799.00	1,799.00	1,800.00	1,800.00	1,800.00	1,800.00	4,151.00	4,565.00	4,735.00	4,813.00	4,813.00		
	Period Use in units = 1,000 x SCFT	0.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	414,000.00	170,000.00	78,000.00	0.00		663,000

## CEPS INVOICE RECONCILIATION - FY2006

Higher Heating Value in units =	BTU/SCFT	2,520	2,520	2,520	2,520	2,520	2,520	2,520	2,520	2,520	2,520	2,520	2,520	2,520		
<b>FIQY_3000: Stm Sendout</b>	Start Reading	577,923	589,565	603,264	617,264	641,226	674,689	728,972	778,779	824,554	863,986	888,054	913,832			
	End Reading	589,565	603,264	617,264	641,226	674,689	728,972	778,779	824,554	863,986	888,054	913,832	932,702			
Period Use in units =	1 x MLB	11,642	13,699	14,000	23,962	33,463	54,283	49,807	45,775	39,432	24,068	25,778	18,870			354,779
<b>WQ_1800: CHW Sendout</b>	Start Reading	33,712,600	41,192,300	49,794,200	56,537,900	61,430,300	65,065,200	67,801,000	71,238,000	73,792,300	77,620,400	82,815,200	88,542,700			
	End Reading	41,192,300	49,794,200	56,537,900	61,430,300	65,065,200	67,801,000	71,238,000	73,792,300	77,620,400	82,815,200	88,542,700	96,267,000			
Period Use in units =	1 x TON-HRS	7,479,700	8,601,900	6,743,700	4,892,400	3,634,900	2,735,800	3,437,000	2,554,300	3,828,100	5,194,800	5,727,500	7,724,300			62,554,400
<b>FT_8100: Cond. Return</b>	Start Reading	3,628,300	3,641,600	3,642,300	3,642,300	3,642,300	3,642,300	3,653,500	3,670,800	3,689,100	3,714,500	3,722,500	3,723,200			
	End Reading	3,641,600	3,642,300	3,642,300	3,642,300	3,642,300	3,653,500	3,670,800	3,689,100	3,714,500	3,722,500	3,723,200	3,723,700			
Period Use in units =	1 x GALL	30,000	18,000	13,000	3,100	1,000	14,000	19,900	18,300	25,400	8,000	2,000	2,000			154,700
<b>WQ_8100: Cond. Return</b>	Start Reading	9,948	9,979	9,997	10,010	10,013	10,014	10,028	10,048	10,068	10,094	10,102	10,104			
	End Reading	9,979	9,997	10,010	10,013	10,014	10,028	10,048	10,068	10,094	10,102	10,104	10,106			
Period Use in units =	1 x mmBtu	31	18	13	3	1	14	20	20	26	8	2	2			158
<b>Condensate Return Temp</b>		159 °F	155 °F	155 °F	151 °F	155 °F	155 °F	155 °F	166 °F	158 °F	155 °F	155 °F	155 °F			157 °F
<b>FT_4500: MUW, Stm.</b>	Start Reading	33,536,730	34,893,280	36,846,692	38,582,232	41,872,540	46,449,940	53,561,660	59,843,292	65,594,344	70,423,968	73,421,048	76,933,800			
	End Reading	34,893,280	36,846,692	38,582,232	41,872,540	46,449,940	53,561,660	59,843,292	65,594,344	70,423,968	73,421,048	76,933,800	79,433,328			
Period Use in units =	1 x GALL	1,356,550	1,753,412	1,935,540	3,290,308	4,577,400	7,111,720	6,281,632	5,751,052	4,829,624	2,997,080	3,512,752	2,499,528			45,896,598
<b>FT_4200: MUW, CW.</b>	Start Reading	131,380,000	144,815,000	160,447,000	172,584,000	180,605,000	186,152,000	189,574,000	194,305,000	197,723,000	203,557,000	212,026,000	221,202,000			
	End Reading	144,815,000	160,447,000	172,584,000	180,605,000	186,152,000	189,574,000	194,305,000	197,723,000	203,557,000	212,026,000	221,202,000	234,723,000			
Period Use in units =	1 x GALL	13,435,000	15,632,000	12,137,000	8,021,000	5,547,000	3,422,000	4,731,000	3,418,000	5,834,000	8,469,000	9,176,000	13,521,000			103,343,000
<b>FT_4100: MUW, CHW.</b>	Start Reading	3,207,036	3,535,403	3,987,874	4,425,772	5,012,246	5,554,901	6,182,330	7,089,192	8,001,000	8,811,400	9,598,100	10,517,900			
	End Reading	3,535,403	3,987,874	4,425,772	5,012,246	5,554,901	6,182,330	7,089,192	8,001,000	8,811,400	9,598,100	10,517,900	11,360,000			
Period Use in units =	1 x GALL	328,367	452,471	437,898	586,474	542,655	627,429	906,862	911,808	810,400	786,700	919,800	842,100			8,152,964
<b>2" PLANT WATER</b>	Start Reading in 10 x scft	1,799,700	2,134,600	2,518,000	2,853,600	3,194,000	3,508,400	3,813,800	4,165,300	4,459,000	4,785,700	5,090,900	5,456,700			
<b>UTILITY METER</b>	Start Reading in 10 x scft	2,134,600	2,518,000	2,853,600	3,194,000	3,508,400	3,813,800	4,165,300	4,459,000	4,785,700	5,090,900	5,456,700	5,824,700			
Period Use in units =	1 x SCFT	334,900	383,400	335,600	340,400	314,400	305,400	351,500	293,700	326,700	305,200	365,800	368,000			4,025,000
<b>6" PLANT WATER</b>	Start Reading	20,211,500	21,892,000	23,882,000	25,486,500	26,734,000	27,843,000	29,026,000	30,253,000	31,296,000	32,500,000	33,863,000	35,313,000			
<b>UTILITY METER</b>	End Reading	21,892,000	23,882,000	25,486,500	26,734,000	27,843,000	29,026,000	30,253,000	31,296,000	32,500,000	33,863,000	35,313,000	37,196,000			
Period Use in units =	1 x SCFT	1,680,500	1,990,000	1,604,500	1,247,500	1,109,000	1,183,000	1,227,000	1,043,000	1,204,000	1,363,000	1,450,000	1,883,000			16,984,500
<b>2" DOMESTIC WATER</b>	Start Reading	427,000.0	438,000.0	451,000.0	471,000.0	491,000.0	508,000.0	528,000.0	560,000.0	573,000.0	586,000.0	595,000.0	606,000.0			
<b>UTILITY METER</b>	End Reading	438,000.0	451,000.0	471,000.0	491,000.0	508,000.0	528,000.0	560,000.0	573,000.0	586,000.0	595,000.0	606,000.0	618,000.0			
Period Use in units =	1 x SCFT	11,000	13,000	20,000	20,000	17,000	20,000	32,000	13,000	13,000	9,000	11,000	12,000			191,000

## PERFORMANCE CALCULATIONS

Month	7	8	9	10	11	12	13	14	15	16	17	18	TOTAL
<b>ELECTRIC-to-STEAM CONVERSION</b>													
Emainutility kWh	6,440,000	6,636,000	5,460,000	3,864,000	2,968,000	2,352,000	2,632,000	2,184,000	3,024,000	4,116,000	4,228,000	5,852,000	49,756,000
Echw,metered kWh	5,860,791	6,674,799	5,170,197	3,668,719	2,743,124	2,005,020	2,585,938	1,833,054	2,759,162	3,703,031	4,111,834	5,526,571	46,642,240
Esteam,metered kWh	49,311	53,124	47,497	61,892	80,212	119,219	116,158	101,949	86,414	52,516	58,638	47,587	874,518
Esteam,unmetered kWh	4,057	-736	2,108	2,137	3,910	11,545	-3,094	11,623	5,099	4,599	798	2,259	44,305
CAPACITY TEST ADJUSTMENT, kWh	0	0	0	0	0	0	0	0	0	0	0	0	0
Esteam,total kWh	53,368	52,388	49,605	64,029	84,122	130,764	113,064	113,572	91,513	57,115	59,436	49,846	918,823
Customer Steam, Sn+e lbs	6,599,832	6,438,158	8,675,528	16,056,959	27,074,675	53,574,430	49,549,551	43,003,058	39,332,072	19,161,762	22,629,199	11,838,355	303,933,579
nelec, actual kWh/klb	8.086	8.137	5.718	3.988	3.107	2.441	2.282	2.641	2.327	2.981	2.627	4.211	3.023
<b>FUEL GAS-to-STEAM CONVERSION</b>													
Metered Plant Steam Send-out lbs	11,642,000	13,699,000	14,000,000	23,962,000	33,463,000	54,283,000	49,807,000	45,775,000	39,432,000	24,068,000	25,778,000	18,870,000	354,779,000
CAPACITY TEST ADJUSTMENT, lbs	0	0	0	0	0	0	0	0	0	0	0	0	0
ADJUSTED Plant Steam SO lbs	11,642,000	13,699,000	14,000,000	23,962,000	33,463,000	54,283,000	49,807,000	45,775,000	39,432,000	24,068,000	25,778,000	18,870,000	354,779,000
Natural Gas use, NG Dth	18,071.3	19,100.0	20,741.1	35,305.9	50,824.0	82,521.0	69,176.9	67,936.3	56,665.0	37,430.2	34,673.5	26,898.7	519,343.9
Propane Gas use, P scft	0	0	0	1,000	0	0	0	0	414,000	170,000	78,000	0	663,000
Dth	0	0	0	2.52	0	0	0	0	1043.28	428.4	196.56	0	1,670.76
CAPACITY TEST ADJUSTMENT, Dth	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
TOTAL FUEL GAS USE Dth	18,071.3	19,100.0	20,741.1	35,308.4	50,824.0	82,521.0	69,176.9	67,936.3	57,708.3	37,858.6	34,870.1	26,898.7	521,014.7
nhhv,actual Dth/klb	1.552	1.394	1.482	1.474	1.519	1.520	1.389	1.484	1.463	1.573	1.353	1.425	1.4690
Condensate Return, CR gallon	30,000	18,000	13,000	3,100	1,000	14,000	19,900	18,300	25,400	8,000	2,000	2,000	154,700
% of SO	2.10%	1.07%	0.76%	0.11%	0.02%	0.21%	0.33%	0.33%	0.53%	0.27%	0.06%	0.09%	0.36%
Condensate Return Energy mBtu	31	18	13	3	1	14	20	20	26	8	2	2	158
Condensate Return Temperature avg	159 °F	155 °F	155 °F	151 °F	155 °F	155 °F	155 °F	166 °F	158 °F	155 °F	155 °F	155 °F	157 °F
nhhv,guarantee Dth/klb													
GUARANTEED MAX RATE													1.772
CES FEA RATE													1.651
<b>WATER-to-STEAM CONVERSION</b>													
Metered Steam Makeup, MW Gallons	1,356,550	15,632,000	12,137,000	8,021,000	5,547,000	3,422,000	4,731,000	3,418,000	5,834,000	8,469,000	9,176,000	13,521,000	91,264,550
CAPACITY TEST ADJUSTMENT, Gallons	0	0	0	0	0	0	0	0	0	0	0	0	0

## CEPS INVOICE RECONCILIATION - FY2006

ADJUSTED Steam Makeup, MW	Gallons	1,356,550	15,632,000	12,137,000	8,021,000	5,547,000	3,422,000	4,731,000	3,418,000	5,834,000	8,469,000	9,176,000	13,521,000	91,264,550
Actual Steam Makeup, nwater	Gallons	1,370,116	15,788,320	12,258,370	8,101,210	5,602,470	3,456,220	4,778,310	3,452,180	5,892,340	8,553,690	9,267,760	13,656,210	92,177,196
Guarantee Steam Makeup, nguar.	Gallons	1,607,058	1,910,901	1,959,093	3,375,151	4,717,236	7,637,970	7,000,056	6,433,371	5,530,824	3,384,462	3,632,477	2,658,428	49,847,028
<b>ELECTRICITY-to-CHW CONVERSION</b>														
Emainutility	kWh	6,440,000	6,636,000	5,460,000	3,864,000	2,968,000	2,352,000	2,632,000	2,184,000	3,024,000	4,116,000	4,228,000	5,852,000	49,756,000
CAPACITY TEST ADJUSTMENT, kWh	kWh	0	0	0	0	0	0	0	0	0	0	0	0	0
Echw, metered	kWh	5,860,791	6,674,799	5,170,197	3,668,719	2,743,124	2,005,020	2,585,938	1,833,054	2,759,162	3,703,031	4,111,834	5,526,571	46,642,240
Esteam, total	kWh	53,368	52,388	49,605	64,029	84,122	130,764	113,064	113,572	91,513	57,115	59,436	49,846	918,823
Echw, unmetered	kWh	525,840	-91,187	240,198	131,252	140,754	216,216	-67,002	237,374	173,325	355,853	56,730	275,584	2,194,937
Echw, total	kWh	6,386,632	6,583,612	5,410,395	3,799,971	2,883,878	2,221,236	2,518,936	2,070,428	2,932,487	4,058,885	4,168,564	5,802,155	48,837,177
Customer CHW, CHWs+e	Ton-hrs	6,480,840	7,250,460	5,835,862	4,081,693	3,005,345	2,278,823	2,480,136	2,034,700	3,116,713	4,326,178	4,826,188	6,869,088	52,586,026
nelec, actual	kWh/ton-hr	0.985	0.908	0.927	0.931	0.960	0.975	1.016	1.018	0.941	0.938	0.864	0.845	0.929
<b>CW-to-CHW CONVERSION</b>														
Condenser Water Makeup, CM	Gallons	13,435,000	15,632,000	12,137,000	8,021,000	5,547,000	3,422,000	4,731,000	3,418,000	5,834,000	8,469,000	9,176,000	13,521,000	103,343,000
Customer CHW, CHWs+e	Ton-hrs	6,480,840	7,250,460	5,835,862	4,081,693	3,005,345	2,278,823	2,480,136	2,034,700	3,116,713	4,326,178	4,826,188	6,869,088	52,586,026
nwater, actual	Gallons/ton-hr	2.0730	2.1560	2.0797	1.9651	1.8457	1.5017	1.9076	1.6799	1.8718	1.9576	1.9013	1.9684	1.9652

## METER CHECKS AND ESTIMATES

<b>WATER METER CHECKS</b>														
Utility Meters - Utility Dates	gallons	15,053,500	17,621,384	14,660,052	11,873,752	10,638,056	11,137,720	11,559,592	10,241,616	11,442,904	12,499,080	13,559,744	16,864,408	157,151,808
Utility Meters - Customer Dates	gallons	15,075,192	17,513,032	14,511,948	11,877,492	10,647,032	11,133,232	11,807,180	9,998,516	11,449,636	12,478,136	13,582,184	16,837,480	157,151,060
variance (line 184-line 183)	gallons	21,692	131,648	-148,104	3,740	8,976	-4,488	247,588	-243,100	6,732	-20,944	22,440	-26,928	-748
% of TOTAL (line 183)		0%	1%	-1%	0%	0%	0%	2%	-2%	0%	0%	0%	0%	0.00%
<b>Plant Meters</b>														
CHW	gallons	328,367	452,471	437,898	586,474	542,655	627,429	906,862	911,808	810,400	786,700	919,800	842,100	8,152,964
CW	gallons	13,435,000	15,632,000	12,137,000	8,021,000	5,547,000	3,422,000	4,731,000	3,418,000	5,834,000	8,469,000	9,176,000	13,521,000	103,343,000
STEAM	gallons	1,356,550	1,753,412	1,935,540	3,290,308	4,577,400	7,111,720	6,281,632	5,751,052	4,829,624	2,997,080	3,512,752	2,499,528	45,896,598
TOTAL	gallons	15,119,917	17,837,883	14,510,438	11,897,782	10,667,055	11,161,149	11,919,494	10,080,860	11,474,024	12,252,780	13,608,552	16,862,628	157,392,562
variance (line 191-line 184)	gallons	44,725	84,851	-1,510	20,290	20,023	27,917	112,314	82,344	24,388	-225,356	26,368	25,148	241,502
% of TOTAL (line 184)		0%	0%	0%	0%	0%	0%	1%	1%	0%	-2%	0%	0%	0.15%

<b>CW MUW CHECK</b>														
CHW Send-out	ton-hrs	7,479,700	8,601,900	6,743,700	4,892,400	3,634,900	2,735,800	3,437,000	2,554,300	3,828,100	5,194,800	5,727,500	7,724,300	62,554,400
CW MUW Rate	gal/ton-hr	1.796	1.817	1.800	1.639	1.526	1.251	1.376	1.338	1.524	1.630	1.602	1.750	1.652

<b>FINAL MAKEUP WATER RESULTS</b>														
CHW	gallons	328,367	452,471	437,898	586,474	542,655	627,429	906,862	911,808	810,400	786,700	919,800	842,100	8,152,964
CW	gallons	13,435,000	15,632,000	12,137,000	8,021,000	5,547,000	3,422,000	4,731,000	3,418,000	5,834,000	8,469,000	9,176,000	13,521,000	103,343,000
STEAM	gallons	1,356,550	1,753,412	1,935,540	3,290,308	4,577,400	7,111,720	6,281,632	5,751,052	4,829,624	2,997,080	3,512,752	2,499,528	45,896,598
TOTAL	gallons	15,119,917	17,837,883	14,510,438	11,897,782	10,667,055	11,161,149	11,919,494	10,080,860	11,474,024	12,252,780	13,608,552	16,862,628	157,392,562
variance	gallons	44,725	84,851	-1,510	20,290	20,023	27,917	112,314	82,344	24,388	-225,356	26,368	25,148	241,502
% of TOTAL (line 184)		0%	0%	0%	0%	0%	0%	1%	1%	0%	-2%	0%	0%	0%

<b>STEAM PLANT MASS BALANCE CK</b>														
STEAM SENDOUT	klbs	11,642	13,699	14,000	23,962	33,463	54,283	49,807	45,775	39,432	24,068	25,778	18,870	354,779
STEAM PRODUCTION	klbs	17,177	20,077	20,459	34,839	49,339	80,728	72,903	67,199	54,237	34,965	37,559	26,896	516,378
		-5,535	-6,378	-6,459	-10,877	-15,876	-26,445	-23,096	-21,424	-14,805	-10,897	-11,781	-8,026	
<b>CALC'D LOSSES</b>														
BLOWDOWN 4%	klbs	687	803	818	1,394	1,974	3,229	2,916	2,688	2,169	1,399	1,502	1,076	20,655
DEA VENT 0.50%	klbs	86	100	102	174	247	404	365	336	271	175	188	134	2,582
TOTAL CALC'D LOSSES	klbs	773	903	921	1,568	2,220	3,633	3,281	3,024	2,441	1,573	1,690	1,210	23,237
CONDENSATE RETURN	gallons	30,000	18,000	13,000	3,100	1,000	14,000	19,900	18,300	25,400	8,000	2,000	2,000	154,700
8.15585	klbs	245	147	106	25	8	114	162	149	207	65	16	16	1,262
STEAM MUW 8.3453	klbs	11,321	14,633	16,153	27,459	38,200	59,349	52,422	47,994	40,305	25,012	29,315	20,850	383,021
TOTAL LEAVING PLANT	klbs	12,415	14,602	14,921	25,530	35,683	57,916	53,088	48,799	41,873	25,641	27,468	20,080	378,016
TOTAL ENTERING PLANT	klbs	11,565	14,780	16,259	27,484	38,208	59,464	52,584	48,144	40,512	25,077	29,331	20,878	384,283
OVERAGE / SHORTFALL	klbs	-849	177	1,338	1,954	2,525	1,548	-503	-655	-1,361	-565	1,863	795	6,267



**Constellation Energy®**  
Projects & Services Group

**Nashville District Energy, LLC**

*90 Peabody Street*

*Nashville, TN 37210*

# Exhibit 1



Constellation Energy Source  
7133 Rutherford Road, Suite 401  
Baltimore, MD 21244

August 4, 2004

Harvey Gershman  
Project Administrator, Nashville District Energy System  
President, Gershman, Brickner & Bratton, Inc.  
8550 Arlington Blvd., Suite 203  
Fairfax, Virginia 22031

**Subject: Formulae used to determine Performance Guarantee compliance**

Dear Mr. Gershman:

This letter defines and establishes agreement between The Metropolitan Government of Nashville and Davidson County (Metro) and Constellation Energy Source (CES) of the formulas and methods used in determining the efficiency guarantees as set forth in Section 13.01(d) of the Amended and Restated Management Agreement (ARMA) between Metro and CES. Agreements made hereunder shall become effective upon the execution of the ARMA.

CES will calculate five key metrics, defined herein, relating to the energy production facility's performance. The five key metrics are as follows:

For Steam Service:

$\eta_{elec}$  (kWh/klb): Electric conversion rate

$\eta_{HHV}$  (Dth/klb): Fuel (natural gas and propane) conversion rate

$\eta_{water}$ : Water conversion rate

For Chilled Water Service:

$\eta_{elec}$  (kW/ton): Electric conversion rate

$\eta_{water}$  (gal/ton-hr): Water conversion rate

The formulas for each metric listed above reference multiple data sources, including Utility bills, Utility meters and plant meters. If, for a verification period, the data from any of these sources are deemed inconsistent and/or unreliable, CES will use reasonable effort to estimate the quantity associated with the inconsistent and/or unreliable data source(s), subject to Metro approval, not unreasonably withheld.

CES will calculate these five metrics and submit the results as part of its monthly operations report. The results will be used calculate the Fuel Efficiency Adjustment component of the Management Fee in accordance with relevant provisions of the ARMA until the end of the contract term.

Following are the agreed upon formulae:

## Electricity to Steam Conversion

$$\eta_{elec} = \frac{E_{Steam,Total}}{\sum_j [(S_n - S_{n-1}) \cdot (0.001)]_j + S_E}$$

Where:

$$E_{Steam,Total} = E_{Steam,metered} + E_{Steam,unmetered}$$

$$E_{Steam,metered} = \left[ \sum_i (E_n - E_{n-1})_i \right]$$

$$E_{Steam,Unmetered} = \left[ \frac{E_{Steam,metered}}{E_{MainUtility}} \right] \times (E_{MainUtility} - E_{Steam,metered} - E_{CHW,metered})$$

$E_{Steam,Total}$  (kWh) = Total electrical use attributable to the steam system at the EGF during the verification period.

$E_{Steam,metered}$  (kWh) = Metered electrical use attributable to the steam system at the EGF during the verification period. See below for electrical meters included.

$E_{CHW,metered}$  (kWh) = Metered electrical use attributable to the chilled water system at the EGF during the verification period. Refer to section "Electric to Chilled Water Conversion", page 6 of this document.

$E_{Steam,Unmetered}$  (kWh) = Un-metered electrical use attributable to the steam system at the EGF during the verification period.

$E_{MainUtility}$  (kWh) = Total electrical use at the EGF during the verification period as measured by the main utility meters on the 69kV main incoming feeders and as presented in the Nashville Electric Service (or other applicable utility service provider) monthly utility bill

$E_n$  (kWh) = Totalized value for electric usage through meter  $i$  read at the conclusion of the current verification period.

$E_{n-1}$  (kWh) = Totalized value for electric usage through meter  $i$  read at the conclusion of the prior verification period.

$i$  = Index value representing the differences in totalized readings for the following electric meters: JQ\_3000A serving MCC-3 shown on drawing E4.03 and JQ\_3000B serving MCC-4 shown on drawing E4.03. This sum represents the electric usage for five condensate supply pumps, five boiler feedwater pumps, four boilers, system condensate pump, instrument air compressor, propane system control panel, three chilled water makeup pressure booster pumps and six intake heaters.

$S_n$  (lb) = Totalized value for steam sold for the Customer steam meters  $j$  read at the conclusion of the current verification period.

$S_{n-1}$  (lb) = Totalized value for steam sold for the Customer steam meters  $j$  read at the conclusion of the prior verification period.

$j$  = Index value representing the differences in totalized reading for each of the Customer steam meters.

$S_E$  = Estimated steam used by the un-metered Customers during the verification period. At the date of this letter the only such customer is St. Mary's Church. The agreed upon monthly usages for that customer are in Attachment A hereto.

0.001 (klb/lb) = Conversion factor to convert pounds to thousand pounds

$\eta_{elec}$  (kWh/klb) = Actual steam plant electric conversion. Constellation Energy Source guarantees that this value will be less than or equal to 6.0.



## Natural Gas to Steam Conversion

$$\eta_{HHV} = \frac{(NG) + (P_n - P_{n-1}) \cdot (HHV_p)}{(SO_n - SO_{n-1}) \cdot (0.001)}$$

Where:

NG (Dth) =	Total natural gas use at the EGF during the verification period as measured by the main utility meters and as presented in the Nashville Gas (or other applicable utility service provider) monthly utility bill
$P_n$ (ft <sup>3</sup> ) =	Totalized value for propane usage (point FT_6120, shown on drawing M4.05) read at the conclusion of the current verification period.
$P_{n-1}$ (ft <sup>3</sup> ) =	Totalized value for propane usage (point FT_6120, shown on drawing M4.05) read at the conclusion of the prior verification period.
$HHV_p$ (Dth/ ft <sup>3</sup> ) =	Average higher heating value of the propane used during the verification period in question. The propane supplier will provide this quantity.
$SO_n$ (lb) =	Totalized value for plant steam send out (point FIQY_3000, shown on drawing M4.01) read at the conclusion of the current verification period.
$SO_{n-1}$ (lb) =	Totalized value for plant steam send out (point FIQY_3000, shown on drawing M4.01) read at the conclusion of the prior verification period.
0.001 (klb/lb) =	Conversion factor to convert pounds to thousand pounds
$\eta_{HHV}$ (Dth/klb) =	Actual plant efficiency, based on the higher heating value of natural gas and propane, for the verification period.

Constellation Energy Source guarantees that for the verification period  $\eta_{HHV}$  will be less than or equal to 1.708 at "Base Condition", where "Base Condition" is defined as 60% of the steam send out is returned as condensate at 180 °F. In the event that the amount and/or average temperature of condensate return for the verification period deviates from the "Base Condition", the Guaranteed Maximum plant efficiency rate for that verification period will be revised in accordance with the Table 1 in this section. Condensate return percentage and average condensate return temperature for the verification period shall be calculated as follows:

$$\%_{CR,avg} = \frac{(CR_n - CR_{n-1}) \cdot (8.15585)}{(SO_n - SO_{n-1})} \quad T_{CR,avg} = \frac{1000 \cdot (H_n - H_{n-1})}{(CR_n - CR_{n-1}) \cdot (8.15585)} + 32$$

Where:

$CR_n$ (gallon) =	Totalized value for condensate return (point FT_8100, shown on drawing M4.01) read at the conclusion of the current verification period.
$CR_{n-1}$ (gallon) =	Totalized value for condensate return (point FT_8100, shown on drawing M4.01) read at the conclusion of the prior verification period.
$SO_n$ (lb) =	Totalized value for plant steam send out (point FIQY_3000, shown on drawing M4.01) read at the conclusion of the current verification period.
$SO_{n-1}$ (lb) =	Totalized value for plant steam send out (point FIQY_3000, shown on drawing M4.01) read at the conclusion of the prior verification period.
$H_n$ (mBtu) =	Totalized value for condensate return energy (point WQ_8100) read at the conclusion of the current verification period.
$H_{n-1}$ (mBtu) =	Totalized value for condensate return energy (point WQ_8100) read at the conclusion of the prior verification period.
WQ_8100 (mBtu) =	Condensate return energy is a totalized virtual point in central plant control system where WT_8100 (mBh) is defined as follows

$$WT_{8100} = \frac{(FT_{8100}) \cdot (489.351) \cdot ((TT_{8100}) - 32)}{(1000)}$$

8.15585 (gall/lb) = Agreed upon Density of water.

For values of condensate percentage return and/or average return temperature in between the values listed in Table 1, the Guaranteed Maximum plant efficiency rate will be determined by linear interpolation. In accordance with Section 14.14, Constellation Energy Source would be subject to damages should the actual plant efficiency,  $\eta_{HHV}$ , exceed the Guaranteed Maximum plant efficiency rate.

## Natural Gas to Steam Conversion (cont.)

**TABLE 1**

### STEAM PLANT EFFICIENCY TABLE - GUARANTEED MAXIMUM RATES

- Efficiency defined as Steam-out (in MMBtu) over Fuel-In (in MMBtu-HHV); HHV is Higher Heating Value.
- Results shown below in units of deca-Therm of Fuel-in per Mlb of Plant Steam Output.

Condensate Return Temperature (deg F)												
		120	130	140	150	160	170	180	190	200	210	220
Condensate Return Percentage	30%	1.797	1.792	1.788	1.783	1.778	1.774	1.769	1.764	1.759	1.755	1.750
	35%	1.792	1.786	1.781	1.775	1.770	1.764	1.759	1.753	1.748	1.742	1.737
	40%	1.786	1.780	1.774	1.767	1.761	1.755	1.749	1.742	1.736	1.730	1.723
	45%	1.781	1.774	1.767	1.760	1.752	1.745	1.738	1.731	1.724	1.717	1.710
	50%	1.775	1.767	1.760	1.752	1.744	1.736	1.728	1.720	1.713	1.705	1.697
	55%	1.770	1.761	1.752	1.744	1.735	1.727	1.718	1.709	1.701	1.692	1.684
	60%	1.764	1.755	1.745	1.736	1.727	1.717	1.708	1.699	1.689	1.680	1.670
	65%	1.759	1.749	1.738	1.728	1.718	1.708	1.698	1.688	1.678	1.667	1.657
	70%	1.753	1.742	1.731	1.720	1.710	1.699	1.688	1.677	1.666	1.655	1.644
	75%	1.748	1.736	1.724	1.713	1.701	1.689	1.678	1.666	1.654	1.643	1.631
	80%	1.742	1.730	1.717	1.705	1.692	1.680	1.668	1.655	1.643	1.630	1.618
	85%	1.737	1.724	1.710	1.697	1.684	1.671	1.657	1.644	1.631	1.618	1.605
	90%	1.731	1.717	1.703	1.689	1.675	1.661	1.647	1.633	1.620	1.606	1.592
	95%	1.726	1.711	1.696	1.682	1.667	1.652	1.637	1.623	1.608	1.593	1.579
	100%	1.720	1.705	1.689	1.674	1.658	1.643	1.627	1.612	1.596	1.581	1.566

For the verification period, when  $\eta_{HHV}$  is less than the Performance Incentive plant efficiency rate, set at 1.611 at “Base Condition”, Constellation Energy Source will share with Metro the resulting fuel cost savings through the “Fuel and Water Usage Efficiency Adjustment” (“FEA”) as calculated in Section 14.14. In the event that the amount and/or average temperature of condensate return, as calculated above, for the verification period deviates from the “Base Condition”, the Performance Incentive plant efficiency rate for that verification period will be revised in accordance with Table 2 in this section. For values of condensate percentage return and/or average return temperature in between the values listed in this table, the Performance Incentive plant efficiency rate will be determined by linear interpolation.

**TABLE 2**

### STEAM PLANT EFFICIENCY TABLE - PERFORMANCE INCENTIVE RATES

- Efficiency defined as Steam-out (in MMBtu) over Fuel-In (in MMBtu-HHV); HHV is Higher Heating Value.
- Results shown below in units of deca-Therm of Fuel-in per Mlb of Plant Steam Output.
- Base efficiency given 60% condensate return at 180 deg F = **1.611 deca-Therm per Mlb**

		Condensate Return Temperature (deg F)										
Condensate Return Percentage		120	130	140	150	160	170	180	190	200	210	220
	30%	1.666	1.663	1.661	1.658	1.655	1.652	1.650	1.647	1.644	1.641	1.639
	35%	1.663	1.660	1.656	1.653	1.650	1.647	1.643	1.640	1.637	1.634	1.630
	40%	1.659	1.656	1.652	1.648	1.645	1.641	1.637	1.633	1.630	1.626	1.622
	45%	1.656	1.652	1.648	1.643	1.639	1.635	1.631	1.627	1.622	1.618	1.614
	50%	1.652	1.648	1.643	1.638	1.634	1.629	1.624	1.620	1.615	1.610	1.606
	55%	1.649	1.644	1.639	1.633	1.628	1.623	1.618	1.613	1.608	1.602	1.597
	60%	1.645	1.640	1.634	1.628	1.623	1.617	1.611	1.606	1.600	1.595	1.589
	65%	1.642	1.636	1.630	1.623	1.617	1.611	1.605	1.599	1.593	1.586	1.580
	70%	1.638	1.632	1.625	1.618	1.612	1.605	1.598	1.592	1.585	1.578	1.572
	75%	1.635	1.628	1.620	1.613	1.606	1.599	1.592	1.585	1.577	1.570	1.563
	80%	1.631	1.623	1.616	1.608	1.600	1.593	1.585	1.577	1.570	1.562	1.554
	85%	1.627	1.619	1.611	1.603	1.595	1.586	1.578	1.570	1.562	1.554	1.546
	90%	1.624	1.615	1.606	1.598	1.589	1.580	1.572	1.563	1.554	1.545	1.537
	95%	1.620	1.611	1.602	1.592	1.583	1.574	1.565	1.555	1.546	1.537	1.528
100%	1.616	1.606	1.597	1.587	1.577	1.568	1.558	1.548	1.538	1.529	1.519	

## Water to Steam Conversion

$$\eta_{water} = (MW_n - MW_{n-1}) \cdot 1.01$$

$$G_{water} = \left[ \frac{(SO_n - SO_{n-1})}{(8.15585)} - (CR_n - CR_{n-1}) \right] \cdot 1.15$$

Where:

$MW_n$ (gal) =	Totalized value for steam system makeup water (point FT_4500, shown on drawing M4.02) read at the conclusion of the current verification period
$MW_{n-1}$ (gal) =	Totalized value for steam system makeup water (point FT_4500, shown on drawing M4.02) read at the conclusion of the prior verification period
$SO_n$ (lb) =	Totalized value for plant steam send out (point FIQY_3000, shown on drawing M4.01) read at the conclusion of the current verification period
$SO_{n-1}$ (lb) =	Totalized value for plant steam send out (point FIQY_3000, shown on drawing M4.01) read at the conclusion of the prior verification period
8.15585 (gall/lb) =	Agreed upon Density of water.
1.15 (unitless) =	Contractual adjustment factor designed to account for miscellaneous steam plant water losses
$CR_n$ (gal) =	Totalized value for plant condensate return (point FT_8100, shown on drawing M4.02) read at the conclusion of the current verification period.
$CR_{n-1}$ (gal) =	Totalized value for plant condensate return (point FT_8100, shown on drawing M4.02) read the conclusion of the prior verification period.
$\eta_{water}$ (gal) =	Actual steam plant water use
$G_{water}$ (gal) =	Guaranteed steam plant water use. Constellation Energy Source guarantees that $\eta_{water}$ will be less than or equal to $G_{water}$ .

## Electricity to Chilled Water

$$\eta_{elec} = \frac{E_{CHW,Total}}{\sum_j (CHW_n - CHW_{n-1})_j + CHW_E}$$

Where:

$$E_{CHW,Total} = E_{CHW,metered} + E_{CHW,unmetered}$$

$$E_{CHW,metered} = \left[ \sum_i (E_n - E_{n-1})_i \right]$$

$$E_{CHW,Unmetered} = E_{MainUtility} - E_{CHW,metered} - E_{Steam,Total}$$

$E_{CHW,Total}$  (kWh) = Total electrical use attributable to the chilled water system at the EGF during the verification period.

$E_{CHW,metered}$  (kWh) = Metered electrical use attributable to the chilled water system at the EGF during the verification period. See below for electrical meters included.

$E_{Steam,Total}$  (kWh) = Total electrical use attributable to the steam system at the EGF during the verification period. Refer to section "Electric to Steam Conversion", page 2 of this document.

$E_{CHW,Unmetered}$  (kWh) = Un-metered electrical use attributable to the chilled water system at the EGF during the verification period.

$E_{MainUtility}$  (kWh) = Total electrical use at the EGF during the verification period as measured by the main utility meters on the 69kV main incoming feeders and as presented in the Nashville Electric Service (or other applicable utility service provider) monthly utility bill.

$E_n$  (kWh) = Totalized value for electric usage for meter  $i$  read at the conclusion of the current verification period.

$E_{n-1}$  (kWh) = Totalized value for electric usage for meter  $i$  read at the conclusion of the prior verification period.

$i$  = Index value representing the differences in totalized readings for the following electric meters:

- JQ\_1200A serving SWGR-2A shown on drawing E4.01
- JQ\_1200B serving SWGR-2B shown on drawing E4.01
- JQ\_1200C serving SWGR-3A shown on drawing E4.01
- JQ\_1200D serving SWGR-3B shown on drawing E4.01
- JQ\_1100A serving SWGR-4A shown on drawing E4.02
- JQ\_1100B serving SWGR-4B shown on drawing E4.02
- JQ\_2100A serving SWGR-5A shown on drawing E4.02
- JQ\_2100B serving SWGR-5B shown on drawing E4.02
- JQ\_2400A serving MCC-1 shown on drawing E4.03
- JQ\_2400B serving MCC-2 shown on drawing E4.03

This sum represents the electric usage for nine chillers (SWGR-2 and SWGR-3), six chilled water pumps (SWGR-4), five condenser water pumps (SWGR-5), 19 cooling tower fans, six vent fans and the following sub-panels: PP-3, RP-3, PP-4, RP-4.

$CHW_n$  (ton-hr) = Totalized value for chilled water sold for the Customer chilled water meters  $j$  read at the conclusion of the current verification period.

$CHW_{n-1}$  (ton-hr) = Totalized value for chilled water sold for the Customer chilled water meters  $j$  read at the conclusion of the prior verification period.

$j =$	Index value representing the differences in totalized reading for each of the Customer chilled water meters.
$CHW_E =$	Estimated chilled water used by the un-metered Customers during the verification period. At the date of this letter the only such customer is St. Mary's Church. The agreed upon monthly usages for that customer are in Attachment A hereto.
$\eta_{elec} \text{ (kW/ton)} =$	Actual chilled water plant electric conversion. Constellation Energy Source guarantees that this value will be less than or equal to 1.055.



## Condenser Water to Chilled Water Conversion

$$\eta_{water} = \frac{(CM_n - CM_{n-1})}{\sum_j (CHW_n - CHW_{n-1})_j + CHW_E}$$

Where:

$CM_n$  (gal) = Totalized value for condenser water makeup (point FT\_4200, shown on drawing M4.02) read at the conclusion of the current verification period.

$CM_{n-1}$  (gal) = Totalized value for condenser water makeup (point FT\_4200, shown on drawing M4.02) read at the conclusion of the prior verification period.

$CHW_n$  (ton-hr) = Totalized value for chilled water sold for the Customer chilled water meters  $j$  read at the conclusion of the current verification period.

$CHW_{n-1}$  (ton-hr) = Totalized value for chilled water sold for the Customer chilled water meters  $j$  read at the conclusion of the prior verification period.

$j$  = Index value representing the differences in totalized reading for each of the Customer chilled water meters.

$CHW_E$  = Estimated chilled water used by the un-metered Customers during the verification period.

$\eta_{water}$  (gal/ton-hr) = Actual chilled water plant water conversion. Constellation Energy Source guarantees that this value will be less than or equal to 5.25.

Nothing in this letter agreement will be construed by either party that Metro or CES is waiving any rights it has under the Management Agreement until the ARMA has been approved by the Metro Council.

Nothing in this letter agreement shall give rise to a release, modification or excuse of CES or Metro from any of their respective obligations under the Management Agreement or constitute an amendment of the Management Agreement.

If you agree with the terms of this letter, please sign and return one copy of it to me at your earliest convenience.

Sincerely,  
Constellation Energy Source, Inc.

John Schaffer, General Manager  
Nashville District Energy, LLC

Gregory Jarosinski  
President, Constellation Energy Source

AGREED AND ACCEPTED:

\_\_\_\_\_ Date: \_\_\_\_\_

Harvey Gershman  
Project Administrator, Nashville District Energy System

\_\_\_\_\_ Date: \_\_\_\_\_

David Manning  
Director of Finance, Metropolitan Government of Nashville and Davidson County

<b>Nashville District Energy, LLC</b>	<i>90 Peabody Street</i>	<i>Nashville, TN 37210</i>
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# Exhibit 2

**NASHVILLE DISTRICT ENERGY, LLC****NASHVILLE, TENNESSEE****EXHIBIT 1 - CALCULATION DETAIL FOR PLANT PERFORMANCE PER APPENDIX 19****ELECTRICITY-TO-STEAM CONVERSION**

(1)	E (MainUtility) = total electric use per main utility meters	43,692,000 kWh
(2)	E (Steam,metered) = metered electric use for steam plant	833,514 kWh
	MCC-3	413,413
	MCC-4	420,101
(3)	E (CHW,metered) = metered electric use for chilled water plant	40,927,161 kWh
	SWGR-2A	6,982,870
	SWGR-2B	10,503,310
	SWGR-3A	6,635,270
	SWGR-3B	7,468,910
	SWGR-4A	2,101,442
	SWGR-4B	1,848,303
	SWGR-5A	1,230,480
	SWGR-5B	1,619,783
	MCC-1	1,272,731
	MCC-2	1,264,062
(4)	Esteam,unmetered = un-metered electric use for steam plant = [ (2) / (1) ] x [ (1) - (2) - (3) ]	36,844 kWh *
(5)	Echw,unmetered = un-metered electric use for chilled water plant = (1) - (2) - (3) - (4)	1,894,481 kWh *
(6)	Esteam,total = total electric use for steam plant = (2) + (4)	870,358 kWh *
(7)	Customer Steam Sales, metered + unmetered	302,898,627 kWh

**n (elec): Actual Steam Plant Electric Conversion = (6) / [ (7) x 0.001 ] = 2.873 kWh/klb**

**NATURAL GAS-TO-STEAM CONVERSION**

(8)	NG = Total Natural Gas Use per main utility meters	477,956.9 Dth
(9)	P = Total Propane Gas per plant meter	369,000 scft
	Meter Reading at the beginning, n-1	1,430
	Meter Reading at the end, n	1,799
	Units of Measure	1,000 x SCFT
(10)	HHV = Higher Heating Value of Propane	0.002520 Btu/scft
(11)	SO = Plant Steam Send Out	327,618,000 lbs
	Meter Reading at the beginning, n-1	250,305
	Meter Reading at the end, n	577,923
	Units of Measure	1 x SCFT

**n (HHV): Actual Plant Efficiency = [ (8) + (9) x (10) ] / [ (11) x 0.001 ] = 1.462 Dth/klb**

(12)	CR = Condensate Return per plant meter	6,638,232 gallons
	Meter Reading at the beginning, n-1	-216,200
	Meter Reading at the end, n	3,628,300
	Units of Measure	1 x SCFT
(13)	H = Condensate Return energy	6,442,711 mBtu **
	Meter Reading at the beginning, n-1	6,293
	Meter Reading at the end, n	9,948
	Units of Measure	1 x MMBTU

**T (cr,avg): Average Condensate Return Temperature = 151 °F**

**NASHVILLE DISTRICT ENERGY, LLC****NASHVILLE, TENNESSEE****EXHIBIT 1 - CALCULATION DETAIL FOR PLANT PERFORMANCE PER APPENDIX 19****WATER-TO-STEAM CONVERSION**

(14)	MW = Steam system makeup water plant meter	36,239,913 gallons ***
	Meter Reading at the beginning, n-1	303,231
	Meter Reading at the end, n	33,536,730
	Units of Measure	1 x SCFT

**n (water): Actual steam plant water use = (14) \* 1.01 = 36,602,312 gallons**

**G (water): Guaranteed steam plant water use = [ (11) / 8.15585 - (12) = 38,561,181 gallons**

**ELECTRICITY-TO-CHILLED WATER CONVERSION**

(15)	E (chw,total) = Total CHW Electric use = (3) + (5) =	42,821,642 kWh *
(16)	Customer CHW Sales, metered + unmetered	46,846,556 kWh

**n (elec): Actual chilled water plant electric conversion = (15) / (16) = 0.914 kw/ton**

**CONDENSER WATER-TO-CHILLED WATER CONVERSION**

(17)	CM = Condenser water makeup plant meter	86,602,752 gallons
	Meter Reading at the beginning, n-1	44,777,248
	Meter Reading at the end, n	131,380,000
	Units of Measure	1 x GALL

**n (water): Actual chilled water plant conversion = (17) / (16) = 1.849 gal/ton-hr**

NOTES: \* - There is a 73 kWh variance from the FEA due to rounding errors resulting from monthly vs. annual summation.

\*\* - Estimated due to incorrect totalization resulting from "low flow cut-off".

\*\*\* - Metered use estimated for July and August due to meter failure.